SHORT FORM

2010A Version 1

Lutron

THE ART OF MEASUREMENT

FULL LINE

(optional)

PH METER

Model : PH-208

* pH : 0 to 14.00 pH, ±1999 mV.
* mV function for ORP electrode.
* Manual temperature compensation.
* ATC via optional Temp. probe (TP-07).
* Easy pH calibration procedures.
* RS232/USB, Hold, Record, °C/°F.
* Size : 195 x 68 x 30 mm.

CONDUCTIVITY METER, *wide range*

Model : CD-4306

* Wide ranges conductivity meter
* 4 ranges : 200 uS, 2 ms, 20 mS, 200 mS.
* 4 rings conductivity probe, high performance.
* Data hold.

(optional)

PH METER

Model : YK-21PH

* 0 to 14 pH x 0.01 pH.
* Large LCD display, 21.5 mm digit height.
* Accuracy : ±0.1 pH (pH 4 to pH 10).
* Data hold, professional case.
* Economical cost.

DISSOLVED OXYGEN METER

Model : YK-22DO

* 0 to 20.0 mg/L, 0 to 50.0 °C, °C/°F.
* Automatic temperature compensation.
* RS232/USB, Hold, Record.
* Probe head with diaphragm set and electrolyte are included.
* 4 meters cable, heavy duty.

(optional)

ORP METER

Model : YK-23RP

* Range : -1999 mV to + 1999 mV.
* Large LCD display, 21.5 mm digit height.
* High input impedance.
* Data hold, professional housing case.

CONDUCTIVITY/TDS METER

Model : YK-22CT

* Conductivity : 2 mS, 20 mS, 2 ranges.
* TDS : 2,000, 20,000 PPM, 2 ranges.
* Temp. : 0 to 60.0 °C, °C/°F.
* ATC, RS232/USB, Hold, Record.

CONDUCTIVITY METER

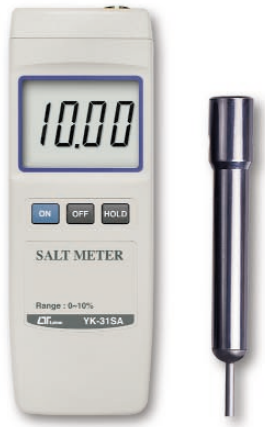
Model : YK-43CD

* 2 Ranges : 2 mS, 20 mS.
* Large LCD display, 21.5 mm digit height.
* Automatic temperature compensation.
* Data hold, professional housing case.

PURE WATER TESTER

Model : YK-30WA

* Water conditioning, home, aquariums, food processing, photography, school, laboratory, industry & quality control.
* Check the condition of water filter.
* Measurement : 0 to 1999 µS.
* 21.5 mm digit height, Data hold.



SALT METER

Model : YK-31SA

* Measurement : 0 ot 10.0% salt (% weight).
* Large LCD display, 21.5 mm digit height.
* Automatic temperature compensation.
* Data hold, professional housing case.
* Aquariums, Water conditioning laboratory, industry & quality control.

THERMOMETER, *4 channels*

Model : TM-903A

* 4 channels input.
* Thermocouple type J & type K.
* -100 to 1300 °C, max. 0.1 °C/ 0.1 °F.
* RS232/USB, Hold, Record (Max., Min.).
* Temp. probe, optional, refer page 47.

THERMOMETER, *Pt 100 + Type K/J/R/E/T*

Model : TM-936

* Type K/J/E/T : -100 to 1300 °C, 0.1 °C/ 0.1 °F.
* Type R : 0 to 1700 °C, 1 °C/ 1 °F
* Pt 100 ohm : -200 to 800 °C, 0.1 °C/ 0.1 °F.
* RS232/USB, Hold, Record (Max., Min.).
* Temp. probe, optional, refer page 47.

Model : TM-926

* Same features as TM-936 but without PT 100 ohm function.

ANEMOMETER

Model : YK-80AP

* Range : 0.4 to 25.0 m/s.
* m/s, ft/min, km/h, knots, mile/h, Temp..
* Temp. : -10 to 50 °C, °C/ °F.
* RS232/USB, Hold, Record (Max., Min.).

ANEMOMETER, *metal vane*

Model : YK-80AM

* Range : 0.5 to 35 m/s.
* Metal vane probe, heavy duty.
* m/s, ft/min, km/h, knots, mile/h, Temp..
* Temp. : -10 to 60 °C, °C/ °F.
* RS232/USB, Hold, Record (Max., Min.).

ANEMOMETER, *mini vane*

Model : YK-80AS

* Range : 0.8 to 12 m/s.
* 13 mm Dia. metal mini vane, telescope probe.
* m/s, ft/min, km/h, knots, mile/h, Temp..
* Temp. : -10 to 60 °C, °C/°F.
* RS232/USB, Hold, Record (Max., Min.).

THERMOMETER, *3 in 1*

Model : TM-2000

* 3 in 1, Infrared thermometer + Pt 100 ohm + Type K, J, R, E, T, intelligent.
* With laser target guide for IR measurement.
* IR range : -20 to 400 °C, Emissivity adjustment.
* Type K, J, R, E, T : -100 to 1700 °C maximum.
* RS232/USB, Data hold, Max., Min. Relative.

High Temp. IR THERMOMETER, *+ type K/J/R/E/T*

Model : TM-939

* IR Range : -20 to 650 °C (-4 to 1202 °F), °C/ °F.
* IR emissivity adjustable 0.20 to 1.00.
* IR with Laser target guide, RS232/USB.
* Thermocouple input : type K/J/R/E/T
* Type K : -100 to 1300 °C, 0.1 °C/0.1 °F.

High Temp. IR THERMOMETER, *wide range*

Model : TM-949

* IR Range : -20 to 650 °C (-4 to 1202 °F), °C/ °F.
* IR emissivity adjustable 0.20 to 1.00.
* IR with Laser target guide, RS232/USB.

SOUND LEVEL METER, ***Auto Range & RS-232***

Model : SL-4012

* 30 - 130 dB, Auto range, Manual range.
* Frequency & time weighting meet IEC 61672 class 2.
* A & C frequency weighting.
* Fast / Slow time weighting, Data hold.
* Peak hold, Memory (max., min.).
* AC output & RS232/USB computer interface.
* Size : 268 x 68 x 29 mm.

SOUND LEVEL METER, ***separate probe***

Model : SL-4013

* 30 to 130 dB, Auto range, RS232/USB interface.
* 180° rotary sensor shelf.
* Same function as SL-4012.
* Separate probe optimum for remote measurement and low noise environment test.

LIGHT METER

Model : YK-10LX

* Large LCD display, 21.5 mm digit height.
* 2,000 Lux, 20,000 Lux.
* Sensor meet C.I.E. photopic spectrum.
* 2 filters, professional.
* Hold, External zero adjust.

LIGHT METER

Model : LX-1102

* Large LCD display with bar graph display.
* 40.00/400.0/4,000/40,000/400,000 Lux.
* Lux, Foot-candle unit selection.
* Sensor meet C.I.E. spectrum, 2 filters.
* RS232/USB, Hold, Record, Zero adjust.

VIBRATION METER

Acc., Vel., Displacement, data logger

Model : VB-8203

* Acceleration : 200 m/s^2.
  Velocity : 200 mm/s.
  Displacement (p-p) : 2 mm.
* Max hold, peak value, data hold.
* Memory (Max., Min.).
* LCD display with bar graph.
* RS232/USB interface, data logger.
* Hard carrying case is included.
* Size : 200 x 68 x 30 mm, Power : 9V battery.

HUMIDITY METER, ***data logger, RS232***

Model : YK-90HT

* Humidity, Temp., Dew point
* 10 to 95 %RH , 0 to 50 °C.
* 0.01 %RH, 0.01 degree.
* 1000 data logger point, RS232/USB.

HUMIDITY METER, ***+Dew Point + Type K***

Model : HD-3008

LIGHT METER, ***4 light type***

Model : LX-1108

* Large LCD display with bar graph display.
* 40.00/400.0/4,000/40,000/400,000 Lux.
* Lux, Foot-candle unit selection.
* Sensor meet C.I.E. spectrum, 2 filters.
* RS232/USB, Hold, Record, Zero adjust.
* 4 light type selection.

UV LIGHT METER

Model : YK-35UV

* Spectrum : 290 nm -390 nm
* Application : UVA & UVB measurement.
* Range : 2 mW/cm^2, 20 mW/cm^2.
* Large LCD display, 21.5 mm digit height.
* Data hold, Max., Min..
* RS232/USB computer interface.

4 in 1

Anemometer, Humidity meter
Light Meter, Type K Thermometer

Model : LM-8000

* Humidity : 10 to 95 %RH,°C/°F
* Anemometer : 0.4 to 30.0 m/s.
* Anemometer unit : m/s, km/h, MPH, knots, ft/min, °C/°F.
* Light : 0 to 20,000 Lux, 0 to 1,680 Ft-cd, auto range.
* Type K Thermometer : -100 to 1300 °C, °C/°F.
* Data hold, Record (Max., Min.)
* Tiny bone shape with light weight and small size.

Model : LM-8010

* Same as LM-8000 but with air flow (CMM, CFM).

ANEMOMETER

Model : LM-81AM

* Measuring range : 0.4 to 30.0 m/s.
* Unit : m/s, km/h, MPH, knots, ft/min.
* Data hold, Record (Max., Min.).
* Tiny bone shape with light weight and small size.

Model : LM-81AT

* Same as LM-81AM but with Temp. measurement.

LIGHT METER

Model : LM-81LX

* 2,000 Lux, 20,000 Lux, auto range.
* 200 Ft-cd, 2,000 Ft-cd, auto range.
* Lux/Ft-cd unit select, zero adjust.
* Data hold, Record (Max., Min.).
* Tiny bone shape with light weight and small size.

HUMIDITY METER

Model : LM-81HT

* Humidity : 10 to 95 %RH.
* Temperature : 0 to 50.0 °C, °C/°F.
* Data hold, Record (Max., Min.).
* Tiny bone shape with light weight and small size.

+ Temperature

CUP ANEMOMETER

Model : AM-4221

* Out side air speed measurement.
* 0.9 to 35.0 m/s, ft/min., km/h, mile/h, knots.
* Temperature : 0 to 50 °C, °C/°F.
* All in one, hand held type.
* Cup type probe, high reliability.
* LCD display, Record (max., min.).
* IP-65 Water resistance, heavy duty.
* DC 1.5V battery (UM-4, AAA) x 4.

CUP ANEMOMETER

Model : AM-4220

* Out side air speed measurement.
* 0.9 to 35.0 m/s, ft/min., km/h, mile/h, knots.
* All in one, hand held type.
* Cup type probe, high reliability.
* LCD display, Record (max., min.).
* IP-65 Water resistance, heavy duty.
* DC 1.5V battery (UM-4, AAA) x 4.

CUP ANEMOMETER/BAROMETER/HUMIDITY/TEMP.

Model : ABH-4224

* Air velocity : 0.9 to 35.0 m/s, ft/min., km/h, mile/h, knots.
* Barometer : 10 to 1100 hPa, mmHg, inHg.
* Humidity : 10% to 95% RH, Dew.
* Temperature : 0 to 50 °C, °C/ °F.
* All in one, hand held type.
* Cup type probe, no wind direction.
* Hold, Record (max., min.).
* DC 1.5V battery (UM-4, AAA) x 4.

VANE ANEMOMETER/BAROMETER/HUMIDITY/TEMP.

Model : ABH-4225

* Air velocity : 0.4 to 30.0 m/s, ft/min., km/h, mile/h, knots.
* Barometer : 10 to 1100 hPa, mmHg, inHg.
* Humidity : 10% to 95% RH, Dew.
* Temperature : 0 to 50 °C, °C/°F.
* All in one, hand held type.
* Vane probe, high reliability.
* Hold, Record (max., min.).
* DC 1.5V battery (UM-4, AAA) x 4.

+ Temperature

VAN ANEMOMETER

Model : AM-4222

* Air velocity : 0.4 to 30.0 m/s
* Temperature : 0 to 50 °C, °C/°F.
* Unit : m/s, km/h, knots, ft/min, mile/h.
* Temp. : 0 to 50 °C, °C/°F.
* All in one, compact and handheld type.
* LCD display, Data hold.
* DC 1.5V battery (UM-4, AAA) x 4.

LIGHT METER

Model : PLX-111

* 0 to 20,000 Lux, 0 to 2,000 Ft-cd.
* Unit : Lux, Ft-cd.
* Auto range.
* Pen type, all in one, easy carryout.
* Hold function to freeze display value.
* DC 1.5V battery (UM-4, AAA) x 4.

VANE ANEMOMETER/HUMIDITY/TEMPERATURE

Model : AH-4223

* Air velocity : 0.4 to 30.0 m/s, ft/min., km/h, mile/h, knots.
* Humidity : 10% to 95% RH, Dew.
* Temperature : 0 to 50 °C, °C/°F.
* All in one, hand held type.
* Vane probe for anemometer.
* Hold, Record (max., min.).
* DC 1.5V battery (UM-4, AAA) x 4.

Pen type Humidity / Temp. Barometer, Type K Thermometer SERIES

HUMIDITY/BAROMETER/TEMP. METER

Model : PHB-318

* Barometer : 10 to 1100 hPa, mmHg, inHg.
* Humidity : 10% to 95% RH, Dew.
* Temperature : 0 to 50 °C, °C/°F.
* All in one, pen type, easy carry out.
* Hold, Record (max., min.).
* DC 1.5V battery (UM-4, AAA) x 4.

THERMOMETER, *all in 1*

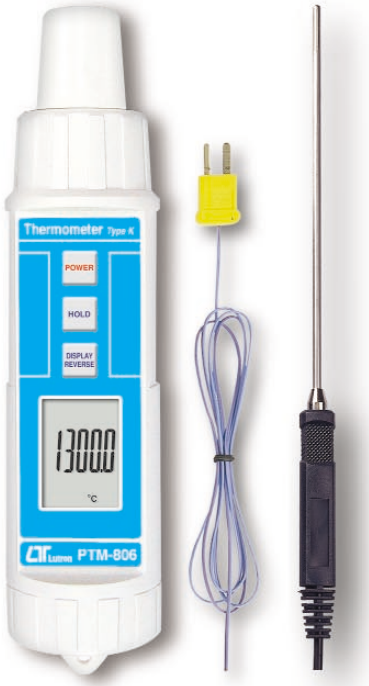
Model : PTM-816

* Cooperate with the type K Temp. probe.
* Range : -50 to 230 °C x 0.1 °C.
* Unit : °C, °F. internal adjustment.
* Meter with the probe, all in 1, easy operation.
* Hold function to freeze display value.
* Build in reverse display button.
* IP-67 Water resistance, heavy duty.
* DC 1.5V battery (UM-4, AAA) x 4.

HUMIDITY/TEMP. METER

Model : PHT-316

* Humidity : 10% to 95% RH.
* Temperature : 0 to 50 °C.
* Temp. unit : °C, °F. internal adjustment.
* Humidity measurement with fast response time
* All in one, pen type, easy carry out.
* Hold function to freeze display value.
* Build in reverse display button.
* DC 1.5V battery (UM-4, AAA) x 4.



Separate probe, type K

THERMOMETER

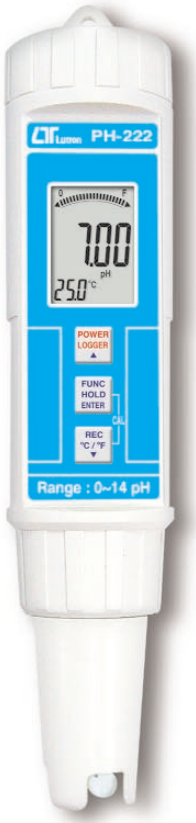
Model : PTM-806

* Cooperate with the type K Temp. probe.
* Range : -100 to 1300 °C x 0.1 °C.
* Unit : °C, °F. internal adjustment.
* Separate probe, easy for remoting measurement.
* Temp. probe, TP-01 is included.
* Optional temp. probe : TP-02A, TP-03, TP-04.
* Hold function to freeze display value.
* Build in reverse display button.
* DC 1.5V battery (UM-4, AAA) x 4.

PEN PH METER

Model : PH-220

* Separate pH electrode, easy for general purpose and remote measurement.
* 0 to 14.00 pH.
* Auto calibration for pH 4, pH 7 or pH 10.
* Temp. adjustment is not necessary.
* IP-65 water proof.
* Pen type, easy carry out.
* Complete set with separate pH electrode (PE-11) and pH 4, pH 7 standard solution.
* Build in reverse display button.
* DC 1.5V battery (UM-4, AA) x 4, long life.



PEN PH METER

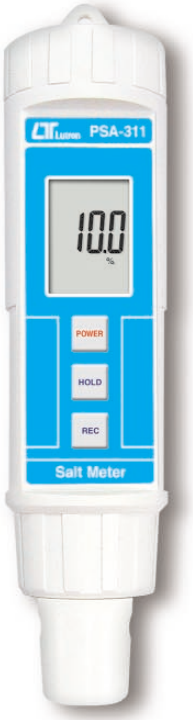
Model : PH-222

* 0 to 14.00 pH.
* ATC (auto temperature compensation).
* Auto calibration for pH 4, pH 7 or pH 10.
* Meter with pH electrode, all in one.
* IP-67, water proof.
* Easy replacement for the pH electrode.
* Pen type, easy carry out.
* Data logger.
* pH 4, pH 7 standard solution are included.
* DC 1.5V battery (UM-4, AA) x 4, long life.

SOIL PH METER

Model : PH-220S

* Complete set with separate soil, spear tip pH electrode and pH 4 and pH 7 standard solution.
* Meter : 0 to 14 pH x 0.01 pH. Electrode : 1 to 13 pH.
* Auto calibration for pH 4, pH 7 or pH 10.
* Temp. adjustment is not necessary.
* IP-65 water proof.
* Build in reverse display button.
* DC 1.5V battery (UM-4, AA) x 4, long life.
* Spear tip pH electrode, ideal for penetration pH measurements into soil, meats, cheese and other type of measurements requiring sample penetration.



SALT METER

Model : PSA-311

* Measurement : 0 to 12.0 % salt (% weight value)
* Automatic temperature compensation.
* Meter build test probe, all in 1, easy operation.
* Hold, Record (max., min.).
* IP-65 Water resistance, heavy duty.
* DC 1.5V battery (UM-4, AAA) x 4.

ORP METER

Model : ORP-213

* Range : -1,000 mV to 1,000 mV.
* Professional ORP electrode, ORP-14 is included.
* Separate ORP electrode, easy operation.
* High input impedance.
* Data hold.
* Build in reverse display button.
* IP-65 Water resistance, heavy duty.
* DC 1.5V battery (UM-4, AA) x 4, long life.

DISSOLVED OXYGEN METER, *all in 1*

Model : PDO-519

* Range : 0 to 20.0 mg/L x 0.1 mg/L.
* Temperature : 0 to 50 °C, °C/°F.
* Automatic temperature compensation.
* Probe with the meter, all in one.
* Polarographic type oxygen electrode, professional.
* Data hold, Record (max., min.).
* IP-67 Water resistance, heavy duty.
* External calibration buttons.
* DC 1.5V battery (UM-4, AAA) x 4.

DISSOLVED OXYGEN METER, *separate probe*

Model : PDO-520

* Range : 0 to 20.0 mg/L x 0.1 mg/L.
* Temperature : 0 to 50 °C, °C/°F.
* Automatic temperature compensation.
* Separate DO probe easy for remoting operation.
* Polarographic type oxygen electrode, professional.
* Data hold, Record (max., min.).
* External calibration buttons.
* DC 1.5V battery (UM-4, AAA) x 4.

CONDUCTIVITY METER

Model : PCD-431

* 2 ranges : 2,000 uS, 20 mS.
* Temperature measurement, °C/°F.
* Automatic temperature compensation.
* Probe with the meter, all in one.
* Carbon rode electrode, high reliability.
* Data hold, Record (max., min.).
* IP-67 Water resistance, heavy duty.
* External calibration buttons.
* DC 1.5V battery (UM-4, AAA) x 4.

CONDUCTIVITY METER, *Separate probe*

Model : PCD-432

* 2 ranges : 2,000 uS, 20 mS.
* Temperature measurement, °C/°F.
* Automatic temperature compensation.
* Separate probe, easy for remorting operation.
* Carbon rode electrode, high reliability.
* Data hold, Record (max., min.).
* External calibration buttons.
* DC 1.5V battery (UM-4, AAA) x 4.

Pen type Moisture
Pen type Soil Moisture
Pen type Pure Water

SERIES

MOISTURE METER

Model : PMS-713

* Wood and concrete moisture measurement.
* Wood material : 0 to 40% moisture content.
* Concrete material : 0 to 100% moisture content.
* Meter build test probe, all in 1, easy operation.
* Hold function to freeze display value.
* IP-65 Water resistance, heavy duty.
* DC 1.5V battery (UM-4, AAA) x 4.

PURE WATER METER

Model : PWA-301

* Water conditioning, aquarium, food processing, photography, school, laboratory, industrial and quality control.
* Check the condition of water filter.
* Measurement : 0 to 1999 uS.
* Meter with the probe, all in 1, easy operation.
* Hold, Record (max., min.).
* IP-67 Water resistance, heavy duty.
* DC 1.5V battery (UM-4, AAA) x 4.

SOIL MOISTURE METER

Model : PMS-714

* Soil moisture content measurement.
* Range : 0 to 50 % moisture content.
* Heavy duty probe, probe length : 20 cm.
* Meter build test probe, all in one, easy operation.
* Hold, Record (max., min.).
* IP-65 Water resistance, heavy duty.
* DC 1.5V battery (UM-4, AAA) x 4.

OXYGEN METER
Model : DO-5510HA

* μ-P circuit, LCD with display unit.
* Dissolved oxygen range: 0 to 20 mg/L.
* Max., Min., Memory recall button.
* DO, Oxygen in air, Temp., ATC, Auto cal.
* Probe head with diaphragm set and electrolyte are included.

(optional)

PH METER
Model : PH-207HA

* 0 to 14 pH x 0.01 pH, ±1999 mV.
* μ-P circuit, LCD with display unit.
* Max., Min., Memory recall button.
* pH, mV, Temp., manual Temp. adj. or ATC.
* PH electrodes (optional) : PE-03, PE-11, PE-01, PE-05T, PE-04HD, PE-06HD, PE-03K7, refer to page 70.
* Size : 185 x 78 x 38 mm.

CONDUCTIVITY METER
Model : CD-4303HA

* μ-P circuit, LCD with display unit.
* Max., Min., Memory recall button.
* 200uS/2mS/20mS, ATC, Cell adj.
* Size : 185 x 78 x 38 mm.

HUMIDITY METER, *Temp., Dew point*
Model : HT-3015HA

* μ-P circuit, LCD with display unit.
* Max., Min., Memory recall button.
* 10%-95% RH, 0-50.0 °C, °C/°F, Dew point.
* Size : 185 x 78 x 38 mm.

ANEMOMETER
Model : AM-4203HA

* μ-P circuit, 0.4 to 25.0 m/s.
* Max., Min., Memory recall button.
* m/s, ft/min, km/h, mile/h, knots, Temp.(°C/°F).
* Size : 185 x 78 x 38 mm.

HOT WIRE ANEMOMETER
Model : AM-4204HA

* 0.2 - 20.0 m/s, high precision for low air velocity measurement.
* m/s, ft/min, km/h, knots, mile/h,°C/°F.
* Max., Min., Data hold.
* Telescope probe.
* Size : 185 x 78 x 38 mm.

(optional)

HUMIDITY/TEMP. METER, *+ type K/J Temp.*
Model : HT-3006HA

* Humidity meter/%RH : 10 to 95 %RH.
* Humidity meter/Temp. : 0 to 50.0 °C, °C/°F.
* Type K Thermometer : -50 °C to 1300 °C.
* Max., Min., data hold.
* Type K Temp. probe (optional) : TP-01, TP-02A, TP-03, TP-04, refer page 47.

MOISTURE METER
Model : MS-7001

* Range : 9% to 30% moisture content.
* Max., Min., Data hold.
* Economical Moisture meter.
* Size : 185 x 78 x 38 mm.

MOISTURE METER
Model : MS-7000HA

* Range : 9% to 30% moisture content.
* 9 material species groups in memory.
* Max., Min., Data hold, Self-calibration.
* Professional Moisture meter.
* Size : 185 x 78 x 38 mm.

MANOMETER, 2000 mBar, *differential input*

Model : PM-9100HA

* Dual & differential input, 2000 mbar x 1 mbar.
* mbar, psi, Kg/cm^2, inch/Hg, mm/Hg, inch/$H_2$0, meter/H_2O, Atmosphere.
* Data hold, Memory (Max., Min.).
* Application : Industrial, laboratory, schools, heating, ventilation, hospital, medical...

LIGHT METER

Model : LX-107HA

* 2,000/20,000/100,000 Lux, Data hold.
* Lux, Ft-candle, max., min., zero, 2 filters.
* Tungsten, Fluorescent, Mercury, Sodium, 4 light type select, microprocessor circuit.
* Size : 185 x 78 x 38 mm.

THERMOMETER CALIBRATOR

Model : TC-920

* Type k thermocouple calibrator.
* Type k thermocouple thermometer.
* -199 °C to 1230 °C, -325°F to 2246°F.
* Resolution : 0.1 °C (<1000 °C).
* °C /°F, Data hold.
* Size : 185 x 78 x 38 mm.

VOLTAGE/CURRENT CALIBRATOR

Model : CC-421

* Current source : 0 to 24 mA, 2 ranges.
* Current measurement : 0 to 24 mA, 2 ranges.
* Power (12 V) and current measurement of two wire loop : 0 to 24 mA, 2 ranges.
* DC mV source : -199.9mV to +199.9mV.

CURRENT CALIBRATOR Model : CC-422

VIBRATION METER

Model : VB-8201HA

* Professional vibration sensor included.
* Velocity : 200 mm/S.
* Acceleration : 200 m/S^2.
* RMS, Peak Hold, Max./Min.
* Size : 185 x 78 x 38 mm.

(optional)

PRECISION 0.01 degree THERMOMETER

Model : TM-917HA

* PT 100 ohm, thermocouple type K, J, R, E, T.
* Max. measurement range 1370 °C (type K).
* 0.01, 0.1 degree resolution,, Memory (Max., Min.).
* Professional thermometer with high accuracy.
* Size : 185 x 78 x 38 mm.

PT 100 ohm TEMP. PROBE

Model : TP-100

DUAL THERMOMETER

Model : TM-916HA

* μ-P circuit, LCD with display unit.
* Max., Min., Memory recall button.
* °C/°F, 0.1°/1°,T1, T2, T1-T2.
* Size : 185 x 78 x 38 mm.
* Temp. probe, optional, refer page 47.

HOT WIRE ANEMOMETER
Model : AM-4204
* 0.2 - 20.0 m/s, high precision for low air velocity measurement,Telescope probe.
* m/s, ft/min, km/h, knots, mile/h,°C/°F.
* Max., Min., Data hold, RS232/USB interface.

HOT WIRE ANEMOMETER, *+ air flow (CMM , CFM)*
Model : YK-2004AH

ANEMOMETER, *air flow + air velocity*
Model : AM-4206
* CMM (m^3/min.), CFM (ft^3/min.)
* m/s, ft/min, km/h, mile/h, knots, Temp.(°C/°F).
* 0.4 to 25.0 m/s., μ-P circuit.
* Max., Min., Memory recall button.
* Size : 180 x 72 x 32 mm. RS232/USB.

ANEMOMETER, *metal vane, air flow*
Model : AM-4206M
* Range : 0.5 to 35.0 m/s.
* CMM (m^3/min.), CFM (ft^3/min.).
* Other function are same as AM-4206, use metal vane probe, heavy duty.

ANEMOMETER, *mini vane*
Model : AM-4213
* 13 mm Dia. heavy mini vane, telescope probe.
* High Temp. air velocity measurement.
* m/s, ft/min, km/h, knots, mile/h, Temp.(°C/°F).
* 0.8 to 12.0 m/s., μ-P circuit. RS232/USB.

Model : AM-4216
* Same function as AM-4213 But with the CMM (m^3/min.), CFM (ft^3/min.) measurement.

MOISTURE METER
Model : MS-7000
* Range : 9% to 30% moisture content.
* 9 material species groups in memory.
* Max., Min., Data hold, Self-calibration.
* Size : 180 x 72 x 32 mm. RS232/USB.

CONCRETE /WOOD MOISTURE METER
Model : MS-7002

ANEMOMETER
Model : AM-4203
* μ-P circuit, 0.4 to 25.0 m/s.
* Max., Min., Memory recall button.
* m/s, ft/min, km/h, mile/h, knots, Temp.(°C/°F).
* Size : 180 x 72 x 32 mm. RS232/USB.

HUMIDITY/ANEMOMETER METER, *+ type K/J*
Model : AM-4205A
* Anemometer : 0.4 to 25.0 m/s. m/s, ft/min., km/h, mile/h, knots, Temp.
* Humidity meter / %RH : 10 to 95 %RH. Humidity/Temp. : -10 to 50 °C, °C/°F.
* Type K thermometer : -50 to 1300 °C, °C/°F.
* Type J thermometer : -50 to 1100 °C, °C/°F.
* Max., Min., data hold, RS232/USB interface.

LIGHT METER
Model : LX-105
* μ-P circuit, 2,000/20,000/50,000 Lux.
* Max., Min., Memory recall button.
* Lux, Ft-candle, % values, wide range.
* 4 light type select by push button.
* Size : 180 x 72 x 32 mm. RS232/USB.

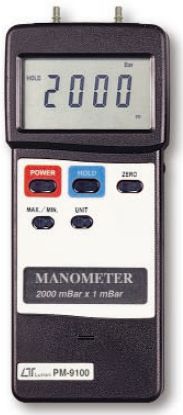
TORQUE METER, 15 Kg-cm
Model : TQ-8800
* Professional torque meter with separate probe.
* 15 Kg-cm torque sensor included.
* 3 units : 15 Kg-cm/13 LB-inch/147.1 N-cm.
* Peak, Data hold, Zero, Max./ Min., Fast/Slow.
* Size : 180 x 72 x 32 mm. RS232/USB.

UVA LIGHT METER Model : UVA-365
UVC LIGHT METER Model : UVC-254
* Ultra-Violet radiometer.
* 199.9 μW/cm^2, 1.999, 19.99 mW/cm^2.
* RS232, Data Hold.
* Max., Min., Memory recall button.
* Size : 180 x 72 x 32 mm. RS232/USB.

(optional)

PH METER
Model : PH-207

* 0 to 14 pH x 0.01 pH, ±1,999 mV.
* μ-P circuit, LCD with display unit.
* Max., Min., Memory recall button.
* pH, mV, Temp., manual Temp. adj. or ATC.
* Size : 180 x 72 x 32 mm. RS232/USB computer interface.
* PH electrodes (optional) : PE-03, PE-11, PE-04HD, PE-06HD, PE-01, PE-05T, PE-03K7, refer to page 70.



MANOMETER, 2000 mbar, *differential input*
Model : PM-9100

* Dual & differential input, 2000 mbar x 1 mbar.
* mbar, PSI, Kg/cm^2, inch/Hg, mm/Hg, inch/$H_2$0, meter/H_2O, Atmosphere.
* Data hold, Memory (Max., Min.), RS232/USB.
* Application : Industrial, laboratory, schools, heating, ventilation, hospital, medical...
* Size : 180 x 72 x 32 mm.

MANOMETER, 7000 mbar, *differential input*
Model : PM-9107

MANOMETER, 200 mbar, *differential input*
Model : PM-9102

CONDUCTIVITY METER
Model : CD-4303

* μ-P circuit, LCD with display unit.
* Max., Min., Memory recall button.
* 200uS/2mS/20mS, ATC, Cell adj.
* Size : 180 x 72 x 32 mm. RS232/USB.

PRESSURE SENSOR
Model : PS100-xxBAR

* Pressure sensor connected with PS-9302
* PS100-2BAR : 2 bar sensor.
* PS100-5BAR : 5 bar sensor.
* PS100-10BAR : 10 bar sensor.
* PS100-20BAR : 20 bar sensor.
* PS100-50BAR : 50 bar sensor.
* PS100-100BAR : 100 bar sensor.
* PS100-400BAR : 400 bar sensor.

PRESSURE METER, *full line*
Model : PS-9302

* Meter connects with 2, 5, 10, 20, 50, 100, 400 bar sensor, no calibration procedures are necessary when change a new sensor .
* Bar, PSI, Kg/cm^2, inch/Hg, mm/Hg, inch/$H_2$0, meter/H_2O, Atmosphere.
* Data hold, Memory (Max., Min.), RS232/USB.
* Size : 180 x 72 x 32 mm.

HUMIDITY METER, *Temp., Dew point, RS232*
Model : HT-3015

* Measurement : Humidity, Temp., Dew point
* Resolution : 0.01 %RH, 0.01 degree.
* 1000 data logger no., RS232/USB interface.
* Optional data transmission software, SW-DL2005.
* Fast response time.
* Separate probe.
* LCD display, 006P DC 9 V battery.
* Size : 180 x 72 x 32 mm.

(optional)

HUMIDITY/TEMP. METER, *+ type K/J Temp.*
Model : HT-3006A

* Humidity meter/%RH : 10 to 95 %RH.
* Humidity meter/Temp. : 0 to 50.0 °C, °C/°F.
* Type K Thermometer : -50 °C to 1300 °C.
* Type J thermometer : -50 to 1100 °C, °C/°F.
* Max., Min., data hold, RS232/USB interface.
* Type K Temp. probe (optional) : TP-01, TP-02A, TP-03, TP-04, refer page 47.

OXYGEN METER
Model : DO-5510

* μ-P circuit, LCD with display unit.
* Dissolved oxygen range : 0 to 20 mg/L.
* Max., Min., Memory recall button.
* DO, Oxygen in air, Temp., ATC, Auto Cal., % salt.
* Diaphragms & electrolyte included.
* Probe head with diaphragm set and electrolyte are included.
* Size : 180 x 72 x 32 mm. RS232/USB interface.

VIBRATION METER Model : VB-8200
* Separate professional vibration sensor.
* Velocity : 200 mm/s.
* Acceleration : 200 m/s^2.
* RMS, Peak, RS232/USB, Hold, Record.

VIBRATION METER Model : VB-8210
* Build-in Metric & Imperial display unit.

VIBRATION METER Model : VB-8202
* Separate professional vibration probe.
* Velocity : 200 mm/s.
* Acceleration : 200 m/s^2.
* RMS, Peak, RS232/USB, Hold, Record.

VIBRATION METER Model : VB-8212
* Build-in Metric & Imperial display unit.

VIBRATION METER
Acc., Vel., Displacement, data logger
Model : VB-8213
* Acceleration : 200 m/s^2.
  Velocity : 200 mm/s.
  Displacement : 2.0 mm.
* Max hold, peak value, data hold.
* Memory (Max., Min.)
* LCD display with bar graph.
* 500 point data logger.
* Zero adjustment,RS232/USB interface.
* Optional data transmission software, SW-DL2005.
* Accelerator and hard carrying case are included.

VIBRATION METER, *Acc., Velocity, Disp.*
Model : VB-8220
* Separate professional vibration sensor.
* Acceleration : 200 m/s^2.
* Velocity : 200 mm/s.
* Displacement (p-p) : 2 mm.
* RMS, Peak value.
* RS232/USB computer interface.
* Hard carrying case included.
* DC 9V battery (006P).

VACUUM METER
Model : VC-9200
* 1125 torr x 1 torr, 1500 mbar x 1 mbar.
* Units : torr, mm Hg, micron, KPa, Pa, inch Hg, psi.
* RS232/USB, Hold, Record (Max., Min.).
* Heavy duty vacuum sensor used for air, oil gas...
* Application : Automobile, Industrial, laboratory, heating, ventilation, medical hospital...

(optional)

PRECISION 0.01 degree THERMOMETER
Model : TM-907A
* Cooperate with PT 100 ohm probe, high accuracy.
* Max. measurement range -199.99 °C to 850 °C.
* 0.01/0.1 °C resolution, Memory, °C/°F select.
* 180 x 72 x 32 mm. RS232/USB.

PT 100 ohm TEMP. PROBE
Model : TP-100

(optional)

PRECISION 0.01 degree THERMOMETER
Model : TM-917, *RS-232/USB*
* PT 100 ohm + thermocouple type K,J,R,E,T.
* Max. measurement range 1370 °C (type K).
* 0.01°, 0.1° resolution, Memory (Max., Min.).
* Professional thermometer with high accuracy.

PT 100 ohm TEMP. PROBE
Model : TP-100

ENVIRONMENT METER
Humidity, Anemometer, Light, Type K/J
Model : EM-9100

* 4 in 1 : Humidity meter, Light meter, Anemometer, Type K/J thermometer.
* Humidity : 10 to 95 %RH, 0 to 50 °C.
* Light : 0 to 20,000 Lux.
* Anemometer : 0.5 to 25 m/s.
* Type K thermometer : -100 to 1300 °C, °C/°F.
  Type J thermometer : -100 to 1200 °C, °C/°F.
* Unit select, Data hold, REC (max., min.).
* Separate probe, easy operation.
* RS232/USB interface, Record (max., min.).
* Optional sound level probe, SL-407.
* DC 9V battery (006P).
* Type K Temp. probe (optional) :
  TP-01, TP-02A, TP-03, TP-04, refer page 47.
* Patented.

INFRARED THERMOMETER (non-contact)
Model : TM-908

* Separate probe, contactless Temp. measurement.
* -10 °C to 300 °C, °C/°F, 1°/0.1°.
* 0.1 degree resolution,°C/°F.
* Emissivity adjustment.
* RS232/USB interface, Data hold, Max., Min.

NARROW SPOT IR THERMOMETER
Model : TM-910

* Small target size, contactless temp. measurement.
* -10 to 300 °C (14 to 572 °F).
* 0.1 degree resolution,°C/°F.
* Separate probe, easy operation.
* Emissivity adjustment.
* Data hold, Max., Min., RS232/USB.

DATA LOGGER, *real time, paper less recorder*
Model : DL-9601A

* Available for the LUTRON instruments (build in the RS232 interface), it can store 8000 measurement data along with time information.
* Sampling time preset from 1 second to 8 hours.
* Auto or manual data logger.
* Save data with real time (year, month, date, hour, minute, second).
* LCD display.
* DC 1.5V battery (UM-3 , AA) x 4 or DC 9V adapter in.

DUAL THERMOMETER, RS-232
Model : TM-906A

* μ-P circuit, LCD with display unit.
* Range : -200 to 1370 °C.
* Max., Min., Memory recall button.
* °C/°F, 0.1°/1°,T1, T2, T1-T2.
* Size : 180 x 72 x 32 mm.
* RS232/USB computer interface.

DUAL THERMOMETER
Model : TM-916

* μ-P circuit, LCD with display unit.
* Range : -200 to 1370 °C.
* Max., Min., Memory recall button.
* °C/°F, 0.1°/1°, T1, T2, T1-T2.
* Size : 180 x 72 x 32 mm.

YK-2005 series
Real Time Data Logger

ANEMOMETER, ***Real time data logger + air flow***

Model : YK-2005AM

* High capacity, 16,000 data logger point.
* Real time data logger (record year, month, date, hour, minute, second).
* Air velocity, Air flow, Temp., type K Temp.
* Metal vane, heavy duty.
* 0.4 to 30.0 m/s. CMM, CFM.
* Max., Min., Data hold.
* RS232/USB computer interface.
* Optional data transmission software, SW-DL2005.
* Jumbo LCD display.
* DC 1.5V (UM3, AA) x 4 PCs or DC 9V adapter in.
* Size : 203 x 76 x 38 mm.

HOT WIRE ANEMOMETER , ***Real time data logger + air flow***

Model : YK-2005AH

* High capacity, 16,000 data logger point.
* Real time data logger (record year, month, date, hour, minute, second).
* Air velocity, Air flow, Temp., type K Temp.
* Hot wire anemometer, high precision for low air velocity measurement. Telescope probe.
* 0.2 to 20.0 m/s. CMM, CFM.
* Max., Min., Data hold.
* RS232/USB computer interface.
* Optional data transmission software, SW-DL2005.
* Jumbo LCD display.
* DC 1.5V (UM3, AA) x 4 PCs or DC 9V adapter in.
* Size : 203 x 76 x 38 mm.

HOT WIRE ANEMOMETER, ***air flow***

Model : YK-2004AH

* Air velocity, Air flow (CMM, CFM), Temperature.
* Hot wire anemometer, high precision for low air velocity measurement.
* Telescope and separate probe, easy operation.
* 0.2 to 20.0 m/s. CMM, CFM.
* Max., Min., Data hold.
* RS232/USB computer interface.
* Jumbo LCD, unit with dot matrix display.
* DC 1.5V (UM-3, AA) x 4 PCs or DC 9V adapter in.
* Size : 203 x 76 x 38 mm.

HUMIDITY METER, ***Real time data logger***

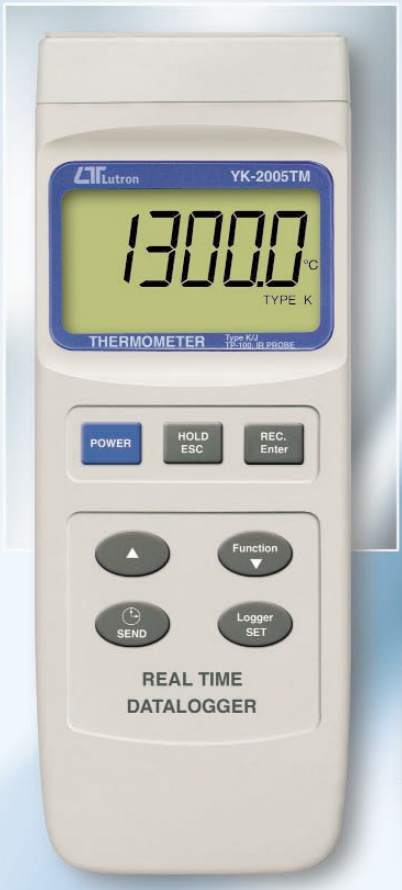
Model : YK-2005RH

* Humidity : 10 to 95 %RH, Temp. : 0 to 50 °C, °C/ °F.
* High capacity, 16,000 data logger point.
* Real time data logger (record year, month, date, hour, minute, second).
* Humidity, Temp., Dew point, type K/J Temp.
* Resolution : 0.01 %RH, 0.01 degree.
* Humidity function with very fast response time.
* Max., Min., Data hold, zero adjust.
* RS232/USB computer interface, Jumbo LCD display.
* Optional data transmission software, SW-DL2005.
* DC 1.5V (UM3, AA) x 4 PCs or DC 9V adapter in.
* Size : 203 x 76 x 38 mm.

LIGHT METER, ***Real time data logger***

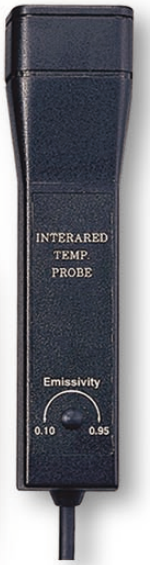
Model : YK-2005LX

* High capacity, 16,000 data logger point.
* Real time data logger (record year, month, date, hour, minute, second).
* Range : 200/2,000/20,000/100,000 Lux.
* Unit : Lux, Feet-candle.
* 4 light type selection.
* Sensor meet C.I.E. spectrum, 2 filters.
* Max., Min., Data hold, zero adjust.
* RS232/USB computer interface.
* Optional data transmission software, SW-DL2005.
* Jumbo LCD display.
* DC 1.5V (UM3, AA) x 4 PCs or DC 9V adapter in.
* Size : 203 x 76 x 38 mm.



Type K probe
Pt-100 probe
(optional)

IR probe
YK-200PIR
(optional)



Muti-function THERMOMETER, ***Real time data logger***

Model : YK-2005TM

* High capacity, 16,000 data logger point.
* Real time data logger (record year, month, date, hour, minute, second).
* Multi-function : Type K, Type J, Pt100 ohm, Infrared Thermometer.
* Type K : -50 to 1300 °C, Type J : -50 to 1100 °C, Pt 100 ohm -200 to 850 °C.
* Optional probe : Type K probe, Type J probe,, PT 100 probe, IR probe.
* Max., Min., Data hold, zero adjust.
* RS232/USB computer interface.
* Optional data transmission software, SW-DL2005.
* Jumbo LCD display.
* DC 1.5V (UM3, AA) x 4 PCs or DC 9V adapter in.
* Size : 203 x 76 x 38 mm.

CONDUCTIVITY METER, ***Real time data logger***

Model : YK-2005CD

* High capacity, 16,000 data logger no.
* Real time data logger (record year, month, date, hour, minute, second).
* Range : 200 uS/2 mS/20 mS/200 mS.
* Automatic temp. compensation, ATC factor adj.
* Carbon rod electrode for long life.
* Max., Min., Data hold, zero adjust.
* RS232/USB computer interface, Jumbo LCD.
* Optional data transmission software, SW-DL2005.
* DC 1.5V (UM3, AA) x 4 or DC 9V adapter in.
* Size : 203 x 76 x 38 mm.

DO
OXPB-11
(optional)

CD
CDPB-03
(optional)

pH
PE-03
PE-11
PE-01
(optional)

ATC
TP-07
(optional)

PH/ORP, DO, CD/TDS METER

Model : YK-2005WA

* One meter for multi purpose operation : PH/ORP, DO, CD/TDS METER.
* pH : 0 to 14.00 pH, ORP : ±1999 mV.
* Conductivity : 200 uS/2 mS/20 mS/200 mS.
* Dissolved oxygen : 0 to 20.0 mg/L.
* ATC (automatic temperature compensation).
* Real time data logger (record year, month, date, hour, minute, second), 16,000 data logger.
* Max., Min., Data hold.
* RS232/USB computer interface.
* Optional data transmission software, SW-DL2005.
* Optional electrode : pH, ORP, CD/TDS, DO, ATC probe.
* Jumbo LCD, unit with dot matrix display.
* DC 1.5V (UM-3, AA) x 4 PCs or DC 9V adapter in.
* Size : 203 x 76 x 38 mm.

YK-2004 probe YK-2014 probe

CONDUCTIVITY METER

Model : YK-2004CD

* Range : 200 uS/2 mS/20 mS/200 mS.
* Automatic temp. compensation, ATC factor adj.
* Carbon rod electrode for long life.
* Max., Min., Data hold, zero adjust.
* RS232/USB computer interface.
* Jumbo LCD, unit with dot matrix display.
* DC 1.5V (UM-3, AA) x 4 PCs or DC 9V adapter in.
* Size : 203 x 76 x 38 mm.

CONDUCTIVITY METER

Model : YK-2014CD

* Same function and range as YK-2004CD but probe use Pt glass electrode instead of carbon rode probe, high performance for the low coductivity measurement.

LIGHT METER, *4 light type, bar graph display, wide range*

Model : LX-1118

* Large LCD display with bar graph.
* 40.00/400.0/4,000/40,000/400,000 Lux.
* Lux or Foot-candle unit selection.
* 4 light type select, RS232/USB interface.
* Sensor meet C.I.E. spectrum, 2 filters.
* Data hold, Record (max., min.).
* DC 1.5V battery (UM-4, AAA) x 6.

ANEMOMETER

Model : MY-81AP

* Range : 0.4 to 25.0 m/s.
* m/s, km/h, ft/min., knots, mile/h, Temp.
* Temp. : 0 to 50 °C, °C/°F.
* Low-friction ball vane wheels is accurate in both high & low velocity.
* LCD show both air velocity and Temp. value.
* Remote vane probe separately, easy operation.
* RS232/USB computer interface.
* Data hold, Record (Max., Min.).
* DC 1.5V (UM-4, AAA) battery x 6.

HUMIDITY METER

Model : MY-91HT

* Measurement : Humidity, Temp., Dew point.
* Humidity range : 10 % to 95 % R.H.
* Temp. range : 0 °C to 50 °C,32 °F to 122 °F.
* Dew point range : -25.3 °C to 48.9 °C.
* Resolution : 0.01% RH, 0.01 degree.
* Fast response time for humidity measurement.
* 1,000 point data logger.
* Optional data transmission software, SW-DL2005.
* Remote vane probe separately, easy operation.
* RS232/USB computer interface.
* Data hold, Record (Max., Min.).
* DC 1.5V (UM-4, AAA) battery x 6.

THERMOMETER, *Type K/J/R/E/T*

Model : TM-9126

* Type K : -50 to 1300 °C, 0.1 °C/0.1 °F.
  Type J : -50 to 1150 °C, 0.1 °C/0.1 °F.
  Type T : -50 to 400 °C, 0.1 °C/0.1 °F.
  Type E : -50 to 900 °C, 0.1 °C/0.1 °F.
  Type R : 0 to 600 °C, 1 °C/1 °F.
* Professional thermometer with multi-function.
* Optional full range temperature probe.
* RS232/USB computer interface.
* Data hold, Record (Max., Min.).
* DC 1.5V (UM-4, AAA) battery x 6.

Temp. probe (optional)

EM-900P
(Optional)

SOUND LEVEL METER, *auto range + Type K Temp. optional Humidity, Light, Anemometer*

Model : SL-4112

* 30-130 dB, auto range, manual range.
* Frequency and time weighting, IEC 61672 class 2.
* A or C frequency weighting.
* Fast/Slow time weighting, peak hold.
* Data hold, Record (max., min.).
* AC output, RS232/USB computer interface.
* Data logger.
* Optional data transmission software, SW-DL2005.
* Type K Thermometer : -100 to 1300 °C, °C/°F.
* Type J Thermometer : -100 to 1200 °C, °C/°F.
* Optional probe (EM-900P) for Humidity/Temp., Light and Anemometer measurement.
* DC 1.5V battery (UM-4, AAA) x 6 or DC 9V adapter in.
* Patened.

4 channels THERMOMETER

Model : TM-946

* Type K/J, Pt 100 ohm, 4 display.
* 4 channels (T1, T2, T3, T4), T1-T2, °C/°F.
* Display 4 channels Temp. at the same time.
* Type K : -100 to 1300 °C.
* Type J : -100 to 1200 °C.
* Pt 100 ohm : -199 to 850 °C.
* °C/°F, 0.1 degree/1 degree.
* Data hold, Record (max., min.),Data logger.
* Optional data transmission software, SW-DL2005.
* RS232/USB computer interface, data logger.
* Optional Type K Temp. probe, TP-01, TP-02A, TP-03, TP-04, refer page 47.
* Optional Pt 100 ohm Temp. probe, TP-101.
* DC 1.5V (UM-4, AAA) battery x 6 or DC 9V adapter in.

ENVIRONMENT METER
Humidity, Anemometer, Light, Type K/J
Model : EM-9000

* 4 in 1 : Humidity meter, Light meter, Anemometer, Type K/J thermometer.
* Humidity : 10 to 95 %RH, 0 to 50 °C.
* Light : 0 to 20,000 Lux.
* Anemometer : 0.5 to 25 m/s.
* Type K thermometer : -100 to 1300 °C, °C/°F. Type J thermometer : -100 to 1200 °C, °C/°F.
* Unit select, Data hold, REC (max., min.).
* 1600 Data logger point.
* Optional data transmission software, SW-DL2005.
* Separate probe, easy operation.
* RS232/USB interface, Record (max., min.).
* Optional sound level probe, SL-407.
* DC 9V battery (006P) or DC 9V adapter in.
* Patented.

T1, T2, T1-T2, two displays
TWO CHANNEL THERMOMETER
Model : TM-925

* T1, T2, T1-T2, Type K/J.
* °C/°F, 0.1 degree/1 degree.
* Type K : -100 to 1300 °C.
* Type J : -100 to 1200 °C.
* Data hold, Record (max., min.).
* 1600 Data logger point.
* Optional data transmission software, SW-DL2005.
* RS232/USB interface, data logger.
* DC 9V battery (006P) or DC 9V adapter in.

ANEMOMETER, *+ type K/J Temp.*
Model : AM-4210

* Air velocity measurement, pocket size.
* 0.5 to 25.0 m/s, ft/min., km/h. knots.
* Low friction ball-bearing vane.
* 1600 Data logger point.
* Optional data transmission software, SW-DL2005.
* Separate probe, high reliability.
* Type K Thermometer : -100 to 1300 °C, °C/°F.
* Type J Thermometer : -100 to 1200 °C, °C/°F.
* RS232/USB interface, Record (max., min.).
* DC 9V battery (006P) or DC 9V adapter in.

LIGHT METER, *+ Type K/J TEMP.*
Model : LX-110

* 0 to 20,000 Lux, 0 to 2,000 Ft-cd. auto range.
* Sensor meet C.I.E. spectrum.
* Light sensor with 2 filters, professional quality.
* Data hold, Record (max., min.).
* 1600 Data logger point.
* Optional data transmission software, SW-DL2005.
* Separate probe, easy operation.
* Type K Thermometer : -100 to 1300 °C, °C/°F.
* Type J Thermometer : -100 to 1200 °C, °C/°F.
* RS232/USB computer interface.
* DC 9V battery (006P) or DC 9V adapter in.

DISSOLVED OXYGEN METER, *two displays*

Model : DO-5519

* Range : 0 to 20 mg/L x 0.1 mg/L.
* Temperature : 0 to 50 °C.
* LCD display, pocket size.
* Automatic temperature compensation.
* 1600 Data logger point.
* Optional data transmition software, SW-DL2005.
* Separate probe, easy operation.
* RS232/USB interface, Record (max., min.)
* Power : DC 9V battery or DC 9V adapter in.

pH electrode (0ptonal)

PH METER, *economical type*

Model : PH-211

* 0 to 14 pH x 0.01 pH.
* Temp. compensation adjustment is not necessary.
* Pocket size, LCD display.
* Optional wall mount holder(WH-08) is available for monitoring usage.
* DC 9V battery (006P).
* Size : 135 x 60 x 33 mm.

pH electrode (0ptonal)

PH METER, *ATC ,two displays*

Model : PH-221

* 0 to 14.00 pH, ±1,999 mV.
* LCD show both pH and the temperature.
* ATC or manual TEMP. compensation.
* Auto calibration for pH 4, pH 7 and pH 10.
* Optional pH electrode and the ATC probe.
* 1600 Data logger point.
* Optional data transmition software, SW-DL2005.
* RS232/USB computer interface.
* DC 9V battery (006P) or DC 9V adapter in.

CONDUCTIVITY METER

Model : CD-4312

* Range 1 : 0 to 1.999 mS.
* Range 2 : 2 to 19.99 mS.
* Automatic temperature compensation.
* Data hold.
* DC 9V battery (006P).
* Size : 135 x 60 x 33 mm.

CONDUCTIVITY METER, *ATC, two displays*

Model : CD-4322

* 2 ranges : 2 mS, 20 mS.
* Temperature measurement, °C/ °F.
* LCD display, pocket type.
* Automatic temperature compensation.
* 1600 Data logger point.
* Optional data transmition software, SW-DL2005.
* Separate probe, easy operation.
* RS232/USB interface, Record (max., min.)
* DC 9V battery (006P) or DC 9V adapter in.

POCKET HUMIDITY METER,
economical type
Model : HT-305
* Measurement : Humidity, Temp., Dew point
* Pocket and compact housing case.
* Fast response time.
* Humidity : 10 to 95 %RH , Temp. : 0 to 50 °C.
* Resolution : 0.1 %RH, 0.1 degree.
* DC 9V battery (006P).
* Separate probe.
* Size : 135 x 60 x 33 mm.

POCKET HUMIDITY METER
80 °C, wide temperature, RS232
Model : HT-315
* Measurement : Humidity, Temp., Dew point.
* Pocket and compact housing case.
* Fast response time.
* Humidity : 10 to 95 %RH , Temp. : 0 to 80 °C.
* Resolution : 0.01 %RH, 0.01 degree.
* DC 9V battery or AC/DC adapter power in.
* RS232/USB iinterface, separate probe.
* Size : 135 x 60 x 33 mm.

HUMIDITY/TEMP. METER, *all in 1, RS232*
Model : HT-306
* Measurement : Humidity, Temp., Dew point
* Humidity : 10 to 95 %RH, Temp. : 0 to 50 °C.
* Resolution : 0.01 %RH, 0.01 degree.
* Fast response time.
* Data hold, Record (max., min.).
* Meter build in probe, all in one, easy operation.
* RS232/USB computer interface.
* DC 9V battery (006P) or DC 9V adapter in.

CD

POCKET CONDUCTIVITY METER

Model : CD-4302

* 12.5 mm(0.5 ") LCD, max. display 1999.
* 2 ranges : 0 -1.999 mS, 2 -19.99 mS.
* Automatic temperature compensation.
* Size : 131 x 70 x 25 mm, Pocket size.

pH

(optional)

PH METER, *pocket*

Model : PH-201

* 0 to 14 pH x 0.01 pH.
* Economical type, pocket size.
* Accuracy : ± 0.1 pH (pH 4 to pH 10)
* Size : 131 x 70 x 25 mm, 13 mm LCD.
* PH electrodes (optional) : PE-01, PE-03, PE-04HD, PE-06HD, PE-11, refer to page 70.

PURE WATER TESTER

Model : WA-300

* Water conditioning, home, aquariums, food processing, photography, school, laboratory, industry & quality control.
* Check the condition of water filter.
* Measurement : 0 to 1999 μS.

DO

DISSOLVED OXYGEN METER

Model : DO-5509

* Range : 0 to 20 mg/L.
* ATC. Resolution : 0.1 mg/L.
* Pocket size, 13 mm LCD.
* Size : 131 x 70 x 25 mm.

ORP

(optional)

ORP METER

Model : ORP-203

* Range : -1999 mV to + 1999 mV.
* High impedance, pocket size.
* Size : 131 x 70 x 25 mm, 13 mm LCD.

ORP ELECTRODE, *professional*

Model : ORP-14

* Professional ORP electrode with high accuracy and extreme reliability.
* Expoxy body, with BNC connector.
* Size : 12.5mm Dia. x 120 mm.

ANEMOMETER

Model : AM-4200

* 0.8 to 30.0 m/s, ft/min., km/h, knots.
* Pocket size, economical cost.
* Low-friction ball-bearing vane.
* 131 x 70 x 25 mm, Sensor - 72 mm dia.
* Separate probe, high reliability.

SPARE PROBE HEAD WITH DIAPHRAGM SET

Model : OXHD-04

* Exclusive DO probe head with diaphragm set for DO-5509, DO-5510, YK-22DO, YK-2005DO, PDO-519, PDO-520, DO-5519, DO-5510HA and YK-200PDO.

PROBE-FILLING ELECTROLYTE

Model : OXEL-03

* Exclusive probe-filling electrolyte for oxygen probe of the DO-5509, DO-5510, YK-22DO, YK-2005DO, PDO-519, PDO-520, DO-5519, DO-5510HA and YK-200PDO.
* Bottle size : 3.8 cm Dia. x 7 cm.

LIGHT METER
Model : LX-100
* LX-100 : 2,000 Lux, 20,000 Lux.
* Sensor meet C.I.E. photopic spectrum .
* Economical cost, professional quality.
* Separate probe.
* Size : 131 x 70 x 25 mm.

LIGHT METER
Model : LX-100F
* LX-100F : 200, 2,000 Foot-candle.
* Sensor meet C.I.E. photopic spectrum .
* Economical cost, professional quality.
* Separate probe.
* Size : 131 x 70 x 25 mm.

LIGHT METER
Model : LX-101A
* 3 ranges : 2,000, 20,000 Lux, 50,000 Lux.
* Spectrum meet C.I.E. photopic spectrum.
* Sensor with 2 filters, professional quality.
* Separate probe, Size : 131 x 70 x 25 mm.

LIGHT METER
Model : LX-103
* Lux : 0 to 50,000 Lux (3 ranges),
  Ft-candle : 0 to 5,000 Fc (3 ranges).
* Sensor meet C.I.E. photopic spectrum.
* 2 filters, high quality.
* External offset Adj.
* Size : 131 x 70 x 25mm.

UV

UV LIGHT METER
Model : UV-340
* Spectrum : 290 nm - 390 nm
* Application : UVA & UVB measurement.
* Range : 1999, 19990 μW/cm^2.
* Separate probe.
* Size : 131 x 70 x 25 mm.

Model : UV-340A
* Microprocessor circuit, refer to page 91.

DUAL CHANNEL THERMOMETER
Model : TM-914C
* Range : -40 to 1200 °C.
* Type K, dual channel, pocket size.
* Size : 131 x 70 x 25 mm.

DUAL CHANNEL THERMOMETER
Model : TM-914F
* Range : -40 to 2000 °F.
* Type K, dual channel, pocket size.
* Size : 131 x 70 x 25 mm.

EMF

EMF TESTER
Model : EMF-822A
* Electromagnetic field radiation tester.
* 20 micro Tesla x 0.01 micro Tesla
* 200 milli Gauss x 0.1 milli Gauss
* Display : 13 mm LCD. Pocket size.
* Size : 131 x 70 x 25 mm

INTELLIGENT THERMOMETER

Model : YK-2001TM

* Type K/J thermometer with "plug and play" function.
* Type K (-100 to 1300 °C), Type J (-100 to 1150 °C).
* Be plugged with optional "plug & play" probes : YK-200PAL, YK-200PAS, YK-200PAM, YK-200PIR, YK-200PRH, YK-200PLX to be a professional Anemometer, Mini Vane Anemometer, Infrared Thermometer, Humidity Meter and Light Meter.
* RS232/USB, Hold, Memory record, °C/°F, 0.1 degree.
* Patented.

TP-01 TP-02A TP-03 TP-04

TYPE K TEMPERATURE PROBE

TP-01 : -40 to 250 °C, Naked-bead.
TP-02A: -50 to 900 °C, 3.2 mm Dia. x 10 cm.
TP-03 : -50 to 1000 °C, 8 mm Dia. x 10 cm.
TP-04 : -50 to 400 °C, surface probe.

HUMIDITY PROBE

Model : YK-200PRH

* Plug in the YK-2001TM to be a professional Humidity Meter.
* Humidity : 10 - 95% RH, 0.1% RH.
* Temperature : 0 to 50.0 °C x 0.1 °C, 32 to 122 °F x 0.1 °F.

MINI VANE ANEMOMETER PROBE

Model : YK-200PAS

* Plug in the YK-2001TM to be a professional Mini Vane Anemometer.
* Range : 0.8 - 12.0 m/s x 0.1 m/s.
* Units : m/s, ft/min., km/h, mile/h, knots, °C/°F.

ANEMOMETER PROBE

Model : YK-200PAL

* Plug in the YK-2001TM to be a professional Anemometer.
* Range : 0.4 - 25.0 m/s x 0.1 m/s.
* Units : m/s, ft/min., km/h, mile/h, knots, °C/°F.

Metal ANEMOMETER PROBE

Model : YK-200PAM

* Plug in YK-2001TM to be used as a professional Anemometer.
* Range : 0.5 to 35 m/s.
* m/s, km/h, MPH, knots, ft/min, °C/ °F.
* Metal probe, heavy duty.

INFRARED TEMPERATURE PROBE

Model : YK-200PIR

* Plug in the YK-2001TM to be a professional non contact Infrared Thermometer.
* -10 to 300°C, 1 °C/ 1 °F.
* Emissivity : 0.95.

LIGHT PROBE

Model : YK-200PLX

* Plug in the YK-2001TM to be a professional Light Meter.
* Lux : 2,000 - 50,000 Lux, 3 ranges.
* Foot-candle : 200 - 5,000 Fc, 3 ranges.
* Units : Lux, Foot-candle (Fc).

INTELLIGENT PH METER

Model : YK-2001PH

* pH Meter with mV and " plug and play " function.
* pH (0.00 to 14.00 pH), mV (±1999 mV).
* Manual temp. compensation adj. or ATC via the optional temp. probe (YK-200PATC).
* Be plugged with optional " plug & play " probes : YK-200PCT, YK-200PCD, YK-200PDO, to be a professional Conductivity Meter, TDS Meter, Dissolved Oxygen Meter.
* RS232/USB, Hold, Memory record, °C/°F, 0.1 degree.
* Patented.

PH electrodes :
PE-03, PE-11, PE-01, PE-04HD, PE-06HD.
ORP electrode : ORP-14
(Refer to page 70)

CONDUCTIVITY PROBE

Model : YK-200PCD

* Plug in the YK-2001PH to be a professional Conductivity Meter.
* Conductivity : 2/20 mS, 2 ranges
* Temperature : 0 to 60.0 °C, 0.1°C/0.1°F.
* ATC & variable temp. compensation factor adjustment (0 to 5.0% per °C).

CONDUCTIVITY / TDS PROBE

Model : YK-200PCT

* Plug in the YK-2001PH to be a professional Conductivity and TDS Meter.
* Conductivity : 2/20 mS, 2 ranges
* TDS : 2000/20,000 PPM, 2 ranges
* Temperature : 0 to 60.0 °C, 0.1°C/0.1°F.
* ATC & variable temp. compensation. factor adj.

DISSOLVED OXYGEN PROBE

Model : YK-200PDO

* Plug in the YK-2001PH to be a professional Dissolved Oxygen Meter.
* Range : 0 - 20.0 mg/L, 0.1 mg/L.
* With automatic temp. compensation.
* Temperature : 0 to 50.0 °C, 0.1°C/0.1°F.
* Probe head with diaphragm set and electrolyte are included.

ATC PROBE

Model : YK-200PATC

* Plug in the YK-2001PH to be a ATC (Automatic Temperature Compensation) probe to gain the Max. possible accuracy.
* Temp. range : 0 to 65 °C, 32 to 149 °F.

SOFTWARE FOR INTELLIGENT INSTRUMENTS

Model : SW-U801-WIN

* For windows 95, 98, 2000, XP, VISTA.
* Data logging system, data recorder.
* Details refer to page 86.

RS232 CABLE FOR INTELLIGENT INSTRUMENTS

Model : UPCB-02

* Details refer to page 88.

USB CABLE

Model : USB-01

* Details refer to page 88.

Intelligent Meter Heavy Duty SERIES

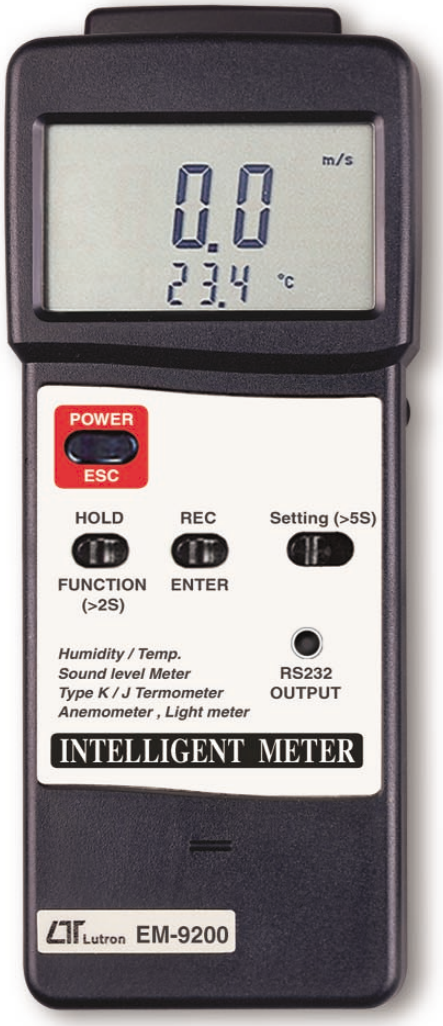
TYPE K TEMPERATURE PROBE

TP-01 : -40 to 250 °C, Naked-bead.
TP-02A : -50 to 900 °C, 3.2 mm Dia. x 10 cm.
TP-03 : -50 to 1000 °C, 8 mm Dia. x 10 cm.
TP-04 : -50 to 400 °C, surface probe.

HUMIDITY PROBE

Model : HD-200PRH

* Plug in the HD-200PRH to be used as a professional Humidity/Temp. meter.
* Humidity : 10 to 95 %RH, 0.1 %RH.
* Temperature : 0 to 50.0 °C x 0.1 °C.
  32 to 122 °F x 0.1 °F.



INTELLIGENT METER

Model : EM-9200

* Meter build in the type K/J thermometer with " plug and play " function.
* Type K thermometer : -100 to 1300 °C, °C/°F.
  Type J thermometer : -100 to 1200 °C, °C/°F.
  °C/°F, 0.1degree.
* Be plugged with optional " plug & play " probes : HD-200PRH, HD-200PAL, HD-200PLX, SL-407 to be used a professional Humidity meter. Anemometer, Light meter, Sound level meter.
* RS232/USB interface, Hold, Memory record.
* Type K Temp. probe (optional) : TP-01, TP-02A, TP-03, TP-04.

ANEMOMETER PROBE

Model : HD-200PAL

* Plug in the HD-200PAM to be used as a professional Anemometer.
* Range : 0.4 to 25.0 m/s x 0.1 m/s.
* Unit : m/s, ft/min., km/h. mile/h, knots, °C/°F.
* Temperature : 0 to 50.0 °C x 0.1 °C.
  32 to 122 °F x 0.1 °F.

LIGHT PROBE

Model : HD-200PLX

* Plug in the HD-200PAM to be used as a professional Light meter.
* Lux : 0 to 20,000 Lux, auto range.
* Foot-candle : 0 to 2,000 Ft-cd, auto range.
* Unit : Lux, Foot-candle (Ft-cd).

SOUND ADAPTER

Model : SL-407

* Plug in the SL-407 to be used as a professional sound level meter.
* Frequency and the weighting meet IEC 61672, class 2.
* A frequency weighting.
* Range : 3 ranges, 30 to 130 dB.
* External calibration adj. VR.

R Box

RESISTANCE DECADE BOX
Model : RBOX-408

* 1 to 11,111,110 ohm, 1 ohm per step.
* Wattage : 1W
* Slide switches that allow the user to simply add or subtract for desired value.
* With seven decades of resistance.
* ABS plastic housing case, rugged components.
* Education, Maintenance, Production line, Working standards, Research, laboratory application.
* Size : 147 x 117 x 51 mm.

C Box

CAPACITANCE DECADE BOX
Model : CBOX-406

* 100 pF to 11,111 μF, 100 pF per step.
* Slide switches that allow the user to simply add or subtract for desired value.
* With five decades of capacitance.
* ABS plastic housing case, rugged components.
* Education, Maintenance, Production line, Working standards, Research, laboratory application.
* Size : 147 x 117 x 51 mm.

L Box

INDUCTANCE DECADE BOX
Model : LBOX-405

* 10 uH to 111.1 mH, 10 uH per step.
* Slide switches that allow the user to simply add or subtract for desired value.
* With four decades of inductance.
* ABS plastic housing case, rugged components.
* Education, maintenance, Production Line, Working standards, Research, Laboratory application.
* Size : 147 x 117 x 51 mm.

pH

PH BENCH METER
Model : PH-202

* 0 to 14 pH x 0.01 pH.
* Bench type pH meter.
* Accuracy : ±0.1 pH (pH 4 to pH 10).
* Easy operation.
* Water resistance on the front panel.
* Application : Education, School, Laboratory, Industrial & Quality control.
* Size : 147 x 117 x 51 mm.

PH BENCH METER,
with Temp. compensation adj.
Model : PH-214

DCV

DCV BENCH METER
Model : DV-101

* Range : DC 200 mV/2 V/20 V/200 V.
* LCD display, 18 mm digit height.

ACV

ACV BENCH METER
Model : AV-102

* Range : AC 2 V/20 V/200 V/600 V.
* LCD display, 18 mm digit height.

DCA

DCA BENCH METER
Model : DA-103

* Range : DC 2 mA/20 mA/200 mA/5 A.
* LCD display, 18 mm digit height.

ACA

ACA BENCH METER
Model : AA-104

* Range : AC 2 mA/20 mA/200 mA/5 A.
* LCD display, 18 mm digit height.
* Application : Education, Maintenance, Production line, Working standards, Research, laboratory.

CAT III-1000V TRUE RMS DMM
true RMS, auto range
Model : DM-9961
* CAT III-1000V, 4000 counts, auto/manual range.
* Large LCD, digit height 23 mm.
* ACV, ACA, DCV, DCA, ohms, continuity buzzer.
* Hz/Duty cycle, Capacitance, diode.
* Data hold, Relative, range hold.
* 10 Amp. current with fuse protection.

CAT III-1000V AUTO RANGE DMM, *bar graph*
Model : DM-9960
* CAT III-1000V, bar graph, supper large LCD.
* 4000 counts, auto/manual range.
* ACV, ACA, DCV, DCA, ohms, continuity buzzer.
* Hz, Capacitance, Temperature, diode.
* Peak, Data hold, Relative, Max//Min.
* Range Hold, RS-232 interface.
* 10 Amp. current with fuse protection.

GREEN POWER MULTIMETER
Model : DM-9981G
* Battery is not necessary, operate the generator 10 second will offer several minutes power.
* CAT III 600 V category.
* 4000 counts, auto/manual range.
* ACV, ACA, DCV, DCA, ohms, continuity beeper.
* Hz, Capacitance, Diode, Data hold.
* 10 Amp current with fuse protection.
* Size : 145 x 76 x 46 mm.

LCR + DMM, *intelligent function, RS-232*
Model : DM-9093
* L : 5 ranges, 2 mH to 20 H.
  C : 5 ranges, 2 nF to 20 μF.
  R : 6 ranges, 200 ohm to 20M ohm.
* ACV, DCV, ACA, DCA Temperature, Hz, hFE, continuity, Data hold.
* RS232/USB interface, alarm setting, Record.
* Size : 204 x 90 x 36 mm.

3 1/2 digits DMM, *Multi-functions*
Model : DM-9090
* Multi-functions, 40 ranges, DCV, ACV, ohms, DCA/ACA(10A), hFE, Diode, Hz, Temp., Capacitance, Beeper.
* Size : 185 x 87 x 39 mm. 18 mm LCD.

Model : DM-9080
DCV, ACV, DCA, ACA, ohms, hFE, Diode only.

4 1/2 digits DMM, *true rms*
Model : DM-9027T
* 30 ranges, 15 mm LCD with display unit.
* DCV, ACV, ACA, DCA(10A), ACA(10A), ohms, hFE, Diode, Hold, Beeper.
* Size : 185 x 87 x 39 mm.

MULTIMETER
Kits, RS232 cable + software + carrying case
Model : DM-9680 KITS
* Photo couple isolate RS232/USB interface.
* Multi-functions, 29 ranges, DCV, ACV, ohms, DCA, ACA, hFE, Diode, Beeper.
* Whole set with DMM, RS232 cable, carrying case & application software.
* USB cable, USB-01 is optional.
* Meter size : 185 x 87 x 39 mm. 18 mm LCD.

AUTO RANGE DMM
Model : DM-9092
* Bar graph, 3200 counts.
* DCV, ACV, DCA(10A), ACA(10A), ohms, hFE, Diode, Range/Data hold.
* Size : 172 x 86 x 30 mm.

POCKET DMM
Model : DM-9020
* Multi-functions, pocket size.
* 26 ranges, DCV, ACV, ohms, hFE, DCA(2A), ACA(2A), Diode.
* Size : 120 x 72 x 37 mm. .

LCR METER, *professional, RS-232/USB*

Model : LCR-9073A

* Intelligent microprocessor circuit,professional.
* L : 5 ranges, 2 mH to 20 H.
  C : 6 ranges, 2 nF to 200 μF.
  R : 6 ranges, 200 ohm to 20M ohm, Diode test.
* Test frequency : 100 Hz, 1 K Hz.
* Memory record, RS232/USB interface.
* Size : 204 x 90 x 36 mm.

HEAVY DUTY ALLIGATORS

Model : AL-04

* CATII 600V approval, black & red, suitable for banana plug and wire direct connection.

Model : AL-05, CATII 1000V

ALLIGATOR TEST LEAD

Model : TL-02AS

* High quality test lead with silicon rubber wire & alligator clip sets.

SMD TEST CLIPS

Model : TLSM-15

* The test clips used for measuring the SMD components (resistor, capacitor, inductor, diode..)
* Cable length : appro x 90 cm.

LCR

LCR METER

Model : LCR-9083

* Inductance, Capacitance, Resistance, Diode.
* L : 5 ranges, 2mH to 20H.
  C : 6 ranges, 2 nF to 200 μF.
  R : 6 ranges, 200 ohm to 20 M ohm.
* Size : 185 x 87 x 39 mm, 18 mm LCD.

POCKET LCR METER

Model : LCR-9063

* Pocket size, 13 mm LCD, Max. 1999.
* L- 5 ranges, 2 mH to 20 H.
  C- 6 ranges, 2 nF to 200 μF.
  R- 6 ranges, 200 ohm to 20 M ohm.
* Economical type.
* Size : 120 x 72 x 37 mm.

CAPACITANCE METER

MODEL : DM-9023

* 9 ranges, 200pF, 2nF, 20nF, 200nF, 2 μF, 20 μF, 200 μF, 2000 μF, 20000 μF.
* Rotary sw., 18 mm LCD, Max. 1999.
* Size : 185 x 87 x 39 mm.

HOLSTER

Model : HS-01

* High quality rubber protective holster,
* Application for : DM-9090, DM-9080, DM-9027T, DM-9030, DM-9680, LCR-9083, DM-9023.

AC / DC Clamp
ACA Leakage
Fork Current Tester

SERIES

2000 A DCA/ACA CLAMP METER + DMM, *True rms*

Model : CM-9930

* Heavy duty, CATIII-1000V.
* 4,000 counts.
* Auto range, Panel water resistance.
* ACA(2000A, 400A), DCA(2000A, 400A), DCV, ACV, Capacitance, Frequency, Duty cycle, Relative, Continuity, ohms.
* 65 mm measuring conductor size.
* 240 µA - 240 mA small direct current input.
* Size : 255 x 73 x 38 mm.

Mini DCA/ACA CLAMP METER

Model : CM-9940

* Heavy duty, CATIII-600V.
* 4,000 counts.
* Auto range, Panel water resistance.
* ACA(600A, 400 A), DCA (600A, 400A), DCV, ACV, Hz, Continuity, Diode, ohms.
* 30 mm measuring conductor size.
* Size : 178 x 64 x 33 mm.

ACA LEAKAGE TESTER, *auto range*

Model : DL-9954

* High precision mA leakage measuring.
* ACA 40 mA x 0.01 mA
* ACA 400 mA x 0.1 mA
* ACA 40 A, 120 A.
* Ohms, Diode, Continuity beeper, hold.
* AC voltage, DC voltage.
* LCD display.
* DC 1.5V battery (UM-3, AA) x 2.

Smart

SMART CLAMP METER

Model : CM-9941

* Heavy duty, CAT III 600V.
* Smart operation, Build in 3 intelligent function : A, V, Ω, Hz
* V " function can choose the ACV, DCV automatically with auto range.
* Ω " function can choose the Resistance , Diode, Continuity beeper, Capacitance automatically with auto range.
* A " function can measure ACA (600A, 60A) with auto range.
* 6,000 counts display.
* 30 mm measuring conductor size.
* Size : 178 x 64 x 33 mm.

AC/DC FORK CURRENT TESTER

Model : FT-9950

* Heavy duty, CATIII-600V.
* Fork current probe both for ACA and DCA.
* ACA (200 A x 0.1 A), DCA (200 A x 0.1 A).
* DCV, ACV, ohms, Continuity beeper.
* Data hold, Peak hold, DCA zero.
* Hall effect sensor for current sensing.
* DC 9V battery (006P).

Clamp, Power Clamp ACA Leakage SERIES

DCA/ACA CLAMP METER, *temperature*

Model : DM-6055C

* ACA(200A, 1000A), DCA(200A, 1000A), DCV, ACV,ohms, Diode, Data hold, Peak hold, Temperature.
* Size : 230 x 70 x 36 mm.

POWER CLAMP METER, *low power*

Model : PC-6009

* High watt resolution : min. 1 watt.
* Watt (AC, true, 2,000/10,000 W).
* ACA (200A, 600A), AC 600V, DC 200V, 2 K ohms, diode.
* Size : 230 x 74 x 38 mm.

POWER CLAMP METER, *high power*

Model : PC-6010

* Watt resolution : min. 10 watt.
* Watt (AC, true, 20 KW/100 KW).
* ACA (200A, 600A), AC 600V, DC 200V, 2 K ohms, diode.
* Size : 230 x 74 x 38 mm.

DCA/ACA CLAMP METER

Model : DM-6056

* ACA(200A, 1000A), DCA(200A, 1000A), DCV, ACV, ohms, Diode, Data hold, Peak hold.
* Size : 230 x 70 x 36 mm.

Model : DM-6058

* ACA(200A, 2000A), others are same as DM-6056.

DCA/ACA CLAMP METER

Model : DM-6046

* DCA (200A, 1000A), ACA (200A, 1000 A). DCV, ACV, ohms, Diode, Data hold.
* Heavy duty, economical cost.
* Size : 230 x 70 x 36 mm.

ACA CLAMP METER

Model : DM-6007

* 3 ranges (600 A, 200 A, 20 A) for ACA.
* 20 A range for measuring low current precisely.
* Measure ACA on the inductive conductor.
* Multi-function for ACA, ACV, DCV, OHMS, Diode, Continuity beeper measurement.
* Max. Conductor Size : 37 mm Dia.

ACA LEAKAGE TESTER

Model : DL-6054

* AC 200 mA x 0.1 mA, AC 20 A x 0.01 A, AC 200A x 0.1 A.
* High precision mA leakage measuring.
* Size : 180 x 47 x 35 mm.

MINI 1000A DC/AC CLAMP METER

Model : DM-1000

* ACA(200A, 1000A), DCA(200A, 1000A), ACV, DCV, ohms, Data hold.
* Miniature size, 13 mm LCD.
* Size : 180 x 47 x 35 mm.

MINI DCA/ACA CLAMP METER

Model : DM-6052

* ACA(20A, 200A), DCA(200A), ACV, DCV, ohms, Data hold, 13 mm LCD.
* Precision low DCA, ACA measurement.
* Size : 180 x 47 x 35 mm.

MINI ACA CLAMP METER

Model : DM-6053

* ACA(20A, 200A), ACV, DCV, ohms, Data hold, Peak hold.
* Precision low ACA measurement.
* Size : 180 x 47 x 35 mm.

AUTOMOTIVE TESTER

Model : DM-9031

* Multi-functions, intelligent μ-P circuit.
* Dwell, Tach., Hz, point, ohm, AC/DC V/A, Temp., Continuity beeper, Data hold, Record.
* RS232/USB interface, External adapter.
* Size : 204 x 90 x 36 mm.

AUTOMOTIVE TESTER

Model : DM-9030

* DCV, ACV, ohms, Hz, Temp., Diode, DCA, ACA, RPM, DWELL, Beeper.
* 10 Mega ohm impedance, 18 mm LCD.
* Size : 185 x 87 x 39 mm.

200 AMP CURRENT SHUNT

Model : LS-04

Optional current shunt for DM-9030, DM-9031

DCA/ACA CURRENT ADAPTER

Model : CA-203 (200 A, 2000 A)

Model : CA-502 (200 A, 1000 A)

* DCA Output : 1 DCmV/1 DCA.
* ACA Output : 1 ACmV/1 ACA.
* CA-203 : 210 x 64 x 33 mm
* CA-502 : 185 x 78 x 30 mm

VACUUM METER

Model : VC-9200

* 1125 torr x 1 torr, 1500 mbar x 1 mbar.
* Units : torr, mm Hg, micron, KPa, Pa, inch Hg, psi.
* RS232, Hold, Record (Max., Min.).
* Heavy duty vacuum sensor used for air, oil gas...
* Application : Automobile, Industrial, laboratory, heating, ventilation, medical hospital...

Model : DT-2237

GASOLINE TACHOMETER

* Non-contact engine RPM measuring.
* Available the automobile engine, motorcycle engine, generator engine.
* 10 to 50,000 RPM, 0.05% accuracy.
* Memory (Max., Min., Last value).

INDUCTIVE PICK UP SENSOR

Model : IP-09

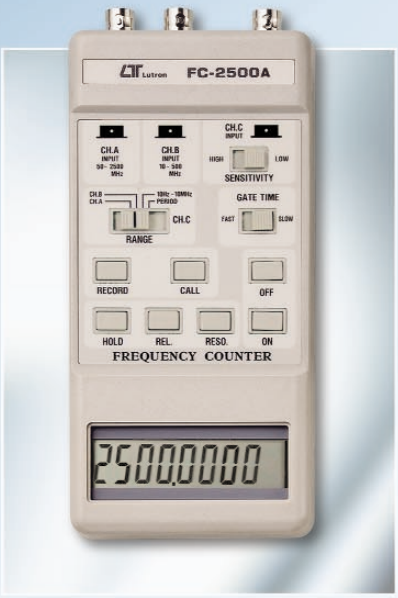
* Heavy duty type.
* DM-9030, DM-9031 optional inductive pick up sensor is used to measure the RPM, only need to clip the high tension wire of no. 1 plug.

INDUCTIVE PICK UP SENSOR

Model : IP-07

* DM-9030, DM-9031 optional inductive pick up sensor is used to measure the RPM, only need to clip the high tension wire of no. 1 plug.

Frequency, Power & Function Generator SERIES



2.5 GHz FREQUENCY COUNTER

Model : FC-2500A

* 3 ranges, 2500 MHz, 100 MHz, 10 MHz.
* Frequency, Period, Hold, Relative, Max., Min., Average, 8 digits LCD.
* High sensitivity for VHF & UHF frequency.
* Size : 173 x 80 x 35 mm, Portable type.

2.7 GHz FREQUENCY COUNTER, *Bench type*

Model : FC-2700

* 3 ranges, 2700 MHz, 100 MHz, 10 MHz.
* Frequency, Period, Hold, Relative.
* RS232/USB computer interface .
* TCXO O.S.C., Max., Min., Average, LCD.
* Size : 280 x 210 x 90 mm. Battery power.

FREQUENCY COUNTER Optional Accessory

AT-20 : Antenna with BNC connector.
PB-21 : Cable w/ BNC connector & alligators.
BB-22 : Cable w/double BNC connector.
NN-23 : Direct probe with double N coaxial connector.
NB-24 : BNC to N coaxial connector adapter.

POWER ANALYZER

Model : DW-6091

* Large LCD, multi-displays.
* True rms Watt, VA, Whr, power factor Hz, ACV, ACA, RS232/USB interface.
* Accept external CT input. Battery power.

Software for 4 channel datalogger, data recorder

Model : SW-U801-WIN

RS-232 cable

Model : UPCB-02

POWER ANALYZER, *Bench type*

Model : DW-6090

* Large LCD, multi-displays.
* True rms for WATT, ACV, ACA.
* Watt, VA, Power factor, ACV, ACA,DCV, DCA, VAr, Whr, ohms, RS232/USB interface.
* Accept current probe & CT input. Battery power.

Software for 4 channel datalogger, data recorder

Model : SW-U801-WIN

RS-232 cable

Model : UPCB-02

WATT METER

Model : DW-6060

* WATT (AC, true power) : 2000 W, 6000 W.
* DCV, ACV, DCA, ACA.
* DC 9 V battery power, 13 mm LCD.
* Size : 180 x 86 x 35 mm.

FUNCTION GENERATOR

Model : FG-2003

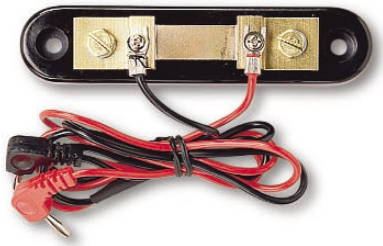
* 3 MHz function generator with 60 MHz auto range frequency counter.
* Function generator : 0.5Hz to 3MHz, 6 Range .
* Sins, Square, Triangle, Ramp, + Pulse, - Pulse.
* Frequency counter range : 0.2Hz to 60MHz.
* 5 digital 0.36" Red LED display.
* Power Source AC 115V/230V,50/60Hz.

DCA/ACA CURRENT ADAPTER
Model : CA-203
* Range : DCA, ACA, 200 A, 2000 A
* DCA Output : 1 DCmV/1 DCA.
* ACA Output : 1 ACmV/1 ACA.
* Size : 210 x 64 x 33 mm

DCA/ACA CURRENT ADAPTER
Model : CA-502
* Range : DCA, ACA, 200 A, 1000 A
* DCA Output : 1 DCmV/1 DCA.
* ACA Output : 1 ACmV/1 ACA.
* Size : 185 x 78 x 30 mm

Mini ACA CURRENT ADAPTER
Model : CA-201
* 2 ranges : 20 A,200 A
* Output : 1 ACmV per 1 ACA (200 A) .
  10 ACmV per 1 ACA (20 A).
* Size : 180 x 47 x 35 mm.

DCA/ACA CURRENT ADAPTER
Model : CA-501(200A, 400A)
* Output : 1 ACmV/1 ACA, 1 DCmV/1 DCA.
* CA-501 : 200 x 80 x 30 mm.
* CA-202 : 185 x 78 x 30 mm.



50A/50mV SHUNT
Model : ST-50
* Resistance shunt match DMM DC 200 mV range to measure current up to DC/AC 50A precisely.
* Output - 1 ACmV/1 ACA, 1 DCmV/1 DCA.
* Size : 135 x 30 x 30 mm.

TACHOMETER ADAPTER
Model : TA-601
* Photo type, 2 ranges, 100-20,000 RPM.
* Output : 0.1 DC mV/1 RPM (range A),
  0.1 DC mV/10 RPM (range B).
* Size : 190 x 73 x 37 mm.

PX-01

PX-02

PI-06

PROXIMITY SENSOR
Model : PX-01
* DT-2240D, PDT-2250, TR-RPM1A4 sensor or position detect.
* Detectable Object : Metals object.
* Detecting distance : 4 mm.
* Power : 12-24 DCV, Out-12 DCV 100 mA.

PROXIMITY SENSOR, *mini & round type*
Model : PX-02
* Mini type proximity sensor.
* Dia. 6.4 mm x 42 mm (length).
* PNP, normal open. Sn. : 1.5 mm.
* Power : 10 to 55 VDC. Output : 150 mA.

PHOTO SENSOR *(Photo Interrupter)*
Model : PI-06
* Photo interrupter or the photo sensor for DT-2240D, PDT-2250, TR-RPM1A4.
* Power supply : DC 12V to 30V.
* 3 wires : Power, Signal and Ground.

HOLSTER
Model : HS-02
* High quality rubber protective holster.
* Available for : EMF-822A, PH-201, CD-4302, TM-914C/F, WA-300, ORP-203 LX-100, LX-101A, LX-103.

HOLSTER
Model : HS-01
* High quality rubber protective holster. Refer to page 32.

PRESSURE ADAPTER

Model : PS-403

* 1 mV per kPa, psi, cm-Hg, in-Hg.
* Pressure : 0.5 to 500 psi.
* Vacuum : 0 to 29.99 in-Hg
* Port Connector : 1/4" NPT or 1/4" PS, included one adapter connector that convert the 1/4" NPT to 1/4" PS.
* Sensor material : Ceramic.
* Weight : 285 g.
* Meter Size : 100 x 50 x 25 mm.
* Pressure Sensor Size : 70 mm x 30 mm Dia.
* Cable length :Approx. 1 meter.
* Applications : Measure pneumatic pressures, measure automobile engine vacuum pressures, pressure for super heat measurements, hydraulic servo controls, refrigeration, air conditioning, food processing

CA-05A
CA-52A

SOFT CARRYING CASE

Model : CA-03, CA-06, CA-05A, CA-52A

CA-03 : Soft carrying case (190 x 90 x 55 mm)
CA-04 : Soft carrying case (140 x 77 x 40 mm)
CA-05A : Soft carrying case with sash (260 x 110 x 55 mm)
CA-52A : Soft carrying case with sash (200 x 80 x 50 mm)

CA-03 CA-04

ANEMOMETER ADAPTER

Model : AM-402

* Measurement : m/s, km/h, ft/min, knots.
* Output : 1 mV per 1 m/s, per 1 km/h, per 100 ft/min, per 1 knots.
* Size : 100x50x25 mm, Sensor-72 mm Dia.

EMF ADAPTER

Model : EMF-824

* Electromagnetic field radiation adapter.
* Range : 20 micro Tesla, 200 milli-Gauss.
* 1 m Gauss (0.1 u Tesla) per 1 DC mV.
* Size : 100x50x25 mm.-main instrument.

CA-06
CA-08

HARD CARRYING CASE

CA-06 : Hard Carrying case. (280 x 195 x 65 mm)
CA-08 : Hard Carrying case. (370 x 310 x 115 mm)

SOUND ADAPTER

Model : SL-406

* Frequency and time weighting meet IEC 61672 class 2.
* A frequency weighting.
* Range : 3 ranges, 30 to 130 dB.
* Output : 1 mV per 1 dB.
* External Calibration adj. VR.

LIGHT ADAPTER

Model : LX-02

* 3 ranges, 2,000/20,000/50,000 Lux
* Output : 0.1 mV per 1 Lux (range A).
  0.1 mV per 10 Lux (range B).
  0.1 mV per 100 Lux (range C).
* Size (main instrument) : 100x50x25 mm.

HIGH VOLTAGE PROBE

Model : HV-40

* DC : 0 to 40 KV, AC : 28 KV rms.
* 1000 M input impedance, 1/1000 att.
* DCV : ± 1% (1 to 20 KV), ± 1.5% (>20kV).
* ACV : ± 5 % (>1 KV, 50/60Hz).
* Size : 340 x 30 x 30 mm.

INSULATION TESTER

Model : DI-6300

* 200 M ohm(100V), 200 M ohm(250V), 200 M ohm(500V), 1000 M ohm(1000V), ACV, 200 ohms, continuity beeper.
* Short circuit, 2.8 mA high driving current.
* Size : 160 x 120 x 85 mm.

Model : DI-6300A

* Same as DI-6300, but with 2000 M ohm (1000V).
* Test lead TL-88 and alligator clips AL-05 are included.

INSULATION TESTER

Model : DI-6200

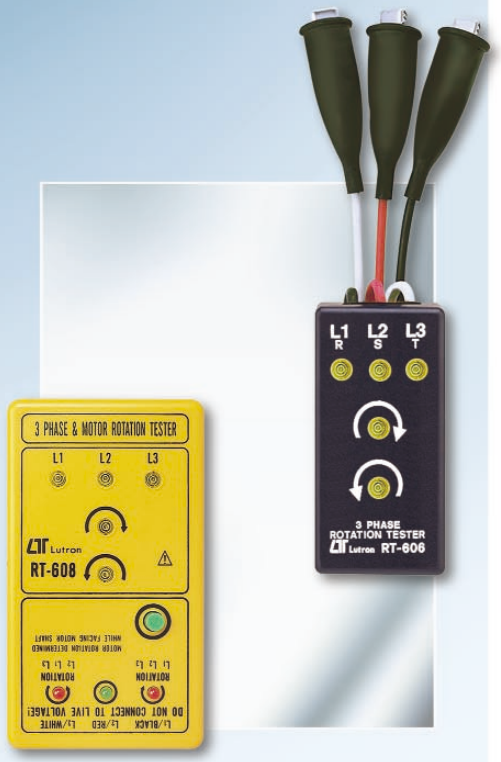
* Mega ohm : 200M /500V, 1000M /1000V, Ohms - 200 ohm.
* Battery power (UM3 x 8), 18 mm LCD.
* Size : 170 x 127 x 78 mm.

INSULATION TESTER, *+ DMM*

Model : DI-6400

* Auto-range and multi-function.
* Insulation measurement ranges:
  1. 4/40/400/4000 M ohm, auto range (250 V, 500 V, 1000 V)
  2. 4/40/400 M ohm, auto range (100 V)
* Build in the ACV & DCV & OHMS function : DCV (600.0 V), ACV (600.0 V), OHM (400.0 ohm, 4,000 ohm, auto range).
* CAT III 1000V.
* Automatic zero adjust & automatic circuit discharge.
* Lock & Test functions, safety and easy operation.
* Precision resistance measurement with auto-range, useful for measuring low resistance value such as motor windings, relay coils etc.
* A continuity beeper is equipped in OHM range.
* Jumbo LCD display allows clear read-out.
* LSI-circuit provides high reliability and durability.
* Built-in over-input and low battery indication.
* Battery operating easily to carry with user.
* Overload protection for each range.
* Durable & portable housing case with the front rubber protection cover.
* Heavy duty test leads with the alligators.
* RS-232/USB computer interface.
* Powered by AA DC 1.5 V X 8 batteries or DC 9V adapter.

Milliohm, RCCB 3 Phase, Motor



3 PHASE & MOTOR ROTATION TESTER

Model : RT-608

* 2 in 1, 3 phase rotation tester & combine with motor rotation tester.
* Power supply : DC 9V.
* Structure : Electronic (not mechanical).

RCCB CHECKER

Model : RCB-110V, *100~120 ACV, 50/60 Hz.*

Model : RCB-220V, *200~240 ACV, 50/60 Hz.*

* Checking the power socket pin assignment.
* Residual current circuit breaker test.
* Rated tripping current setting 10 mA, 30 mA, 100 mA, 300 mA and 500 mA.

LINE FREQUENCY MONITOR

Model : LF-423

* 0.5 to 500 Hz (x 0.01 Hz, < 100 Hz)
* Input voltage : 5 to 250 ACV.
* Check frequency to DC to AC converter, mobile & portable generator, power line.

3 PHASE ROTATION TESTER

Model : RT-606

* 3 phase rotation detector.
* Input : 100 - 660 V AC.
  45 to 70 Hz.
* Power supply : None.
* Structure : Electronic

MILLIOHM METER

Model : MO-2002 (AC 110V)

Model : MO-2002 (AC 220V/AC 230V)

* 20 mΩ/200 mΩ/2 Ω/20 Ω/200 Ω/2 KΩ/20 KΩ
* HI / LO warning setup.
* Large red LED display, 20.4 mm digit height.
* 4 terminal input, high accuracy.
* 4 wires with 2 Kelvin clips included.
* Bench type, professional.
* Power : AC 110V or AC 220 V/AC230 V.

MILLIOHM METER

Model : MO-2001 (AC 110V)

Model : MO-2001 (AC 220V/AC 230V)

* 200 mΩ/2000 mΩ/20 Ω/200 Ω/2000 Ω.
* 4 terminal input, high accuracy.
* Size : 160 x 120 x 85 mm.
* 4 wire with 2 kelvin clips, KV-05 is included.
* Optional soft carrying case, CA-3K.
* Power : AC 110V or AC 220 V/AC230 V.

EARTH RESISTANCE TESTER

Model : ET-3000

* Earth Resistance :
  19.99/199.9/1999 ohm.
* Earth voltage : 0 - 199.9 V.
* Power supply :
  1.5 V UM3 (AA) x 6 PCs.
* Soft carrying case, CA-3K is included.
* Size : 160 x 120 x 85 mm.

4- 20 mA SIMULATOR
Model : CC-MA
* Simulator output ranges of 4 mA, 12 mA & 20 mA from transmitter.
* Ideal for calibration standard & used as a current source.

TYPE K TEMP. CALIBRATION CHECKER
Model : CC-TEMPK
* Choice of type K thermocouple with 4 common check points in °C & °F.
* 0 °C(32 °F), 100 °C(212 °F), 500 °C(932 °F), 1000 °C(1832 °F).

LAN CABLE TESTER
Model : LAN-922
* Intelligent LAN cable tester.
* Connector : RJ-45, RJ-11 with key.
* Cable length up to 10 km.
* 3 LED bars indicating testing status.
* Main unit + remote unit. 9 V battery.

LAN

PH CALIBRATION CHECKER
Model : CC-PH
* Simulates values for pH 4.00, pH 7.00& pH 10.00, professional & high accuracy.
* Select high ohm for testing the impedance of your device, with Cal. cable.

V & A Cal.

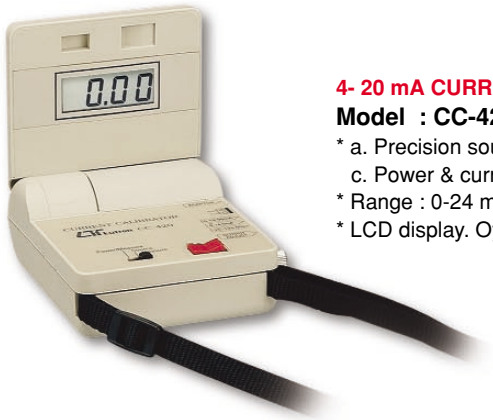
Temp. Cal.

VOLTAGE/CURRENT CALIBRATOR
Model : CC-421
* Current source : 0 to 24 mA, 2 ranges.
* Current measurement : 0 to 24 mA, 2 ranges.
* Power (12 V) and current measurement of two wire loop : 0 to 24 mA, 2 ranges.
* DC mV source : -199.9mV to +199.9mV.
* Size : 185 x 78 x 38 mm.

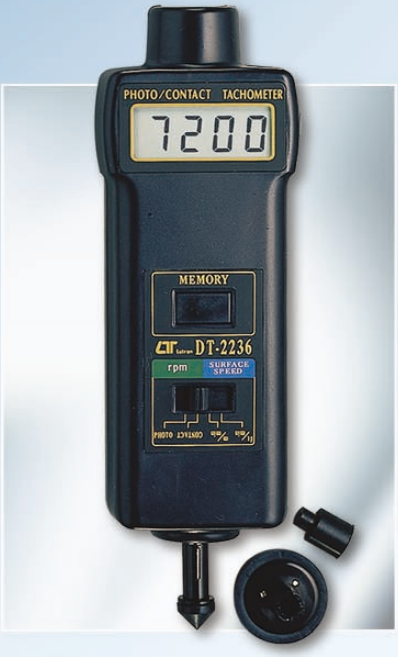
THERMOMETER CALIBRATOR
Model : TC-920
* Type k thermocouple calibrator.
* Type k thermocouple thermometer.
* -199 °C to 1230 °C, -325°F to 2246°F.
* Resolution : 0.1 °C (<1000 °C).
* °C /°F, Data hold.
* Size : 185 x 78 x 38 mm.

CURRENT CALIBRATOR
Model : CC-422
* 0 to 24 mA precision current source.
* Range : 0 to 19.99 mA x 0.01 mA.
  0 to 24.0 mA x 0.1 mA.

CABLE TESTER/CABLE IDENTIFIER
Model : CB-933
* Transmitter & receiver Included.
* To identify & trace up to 16 cables. It can also be connected to heat and water supplying installation system.
* Digital display on the receiver indicates the relative cable.



4- 20 mA CURRENT CALIBRATOR
Model : CC-420
* a. Precision source, b. Current measurement, c. Power & current measurement of two wire loop.
* Range : 0-24 mA, -25% to 125 %.
* LCD display. Oyster housing case.



PHOTO/CONTACT TACHOMETER
Model : DT-2236
* Photo Tach. : 5 to 100,000 RPM
* Contact Tach. : 0.5 to 19,999 RPM.
  Surface speed : m/min, ft/min.
* Size : 215 x 65 x 38 mm.
* Patented.

LASER PHOTO/CONTACT TACHOMETER
Model : DT-1236L
* Patented, the best tachometer in the world.
* Long detecting distance for photo Tach. up to 2 meters.
* Photo & contact tachometer in one meter.
* Fast sampling time for low contact RPM measurement, automatic reverse display.
* Photo Tach. : 10 to 99,999 RPM
  Contact Tach. : 0.5 to 19,999 RPM.
  Surface speed : m/min, ft/min.
* Size : 215 x 67 x 38 mm, patented.

PHOTO/CONTACT TACHOMETER, *pocket type*
Model : DT-2230
* Mini pocket size, easy carryout.
* Photo tach. : 5 to 100,000 RPM
  Contact tach. : 0.5 to 19,999 RPM.
  Surface speed : m/min, ft/min.
* Laser beam for Photo tachometer, long measuring distance.
* LCD display, RS-232/USB interface.
* Patented.
* DC 1.5V battery (UM-4, AAA) x 4.

PHOTO/CONTACT TACHOMETER
Model : DT-2268
* Photo tach. : 5 to 100,000 RPM
  Contact tach. : 0.5 to 19,999 RPM.
  Surface speed : m/min, ft/min.
* Large LCD display, 20 mm digit height.
* Laser light beam for Photo tachometer.
* Patented.

LASER PHOTO TACHOMETER
Model : DT-2234BL
* Long detecting distance for photo Tach. up to 2 meters.
* Photo Tach. : 10 to 99,999 RPM
* Accuracy : ± (0.05 % + 1 d).
* Size: 190 x 73 x 37 mm.

PHOTO/CONTACT TACHOMETER
Model : DT-2238
* Photo Tach. : 5 to 100,000 RPM
* Contact Tach. : 0.5 to 19,999 RPM.
  Surface speed : m/min, ft/min.
* Size : 195 x 61 x 38.5 mm.
* Patented.

VIBRATION/TACHOMETER, *3 in 1*

Model : VT-8204

* Separate professional vibration sensor.
* Vibration meter :
  Acceleration : 200 m/s^2, RMS, PEAK, Max. Hold, g, ft/s^2.
  Velocity : 200 mm/s, RMS, PEAK, Max. Hold, cm/s, inch/s .
  Displacement (p-p) : 2 mm, Max. Hold, cm, inch .
* Tachometer (photo) : 10 to 100,000 RPM.
  Tachometer (contact) : 5 to 19,999. RPM
  Tach. (surface speed) : m/min., ft/min. inch/min.
* Laser photo tachometer.
* 1600 Data logger point.
* Data hold, record (Max., Min.)
* Optional IR probe, IR-962.
* RS-232/USB computer interface.
* DC 1.5V (UM-3, AA) x 4 PCs.
* Patented.

PHOTO TACHOMETER

Model : DT-2234B

* 5 to 100,000 RPM

PHOTO TACHOMETER

Model : DT-2244

* 5 to 100,000 RPM

TACHOMETER/STROBOSCOPE

Model : DT-2259

* Tachometer combine Stroboscope. 2 in 1.
* Photo Tach. : 5 to 99,999 RPM.
* Stroboscope : 100 to 100,000 FPM/RPM.
* 4 x 1.5 V, AA(UM-3) battery power.
* Size : 215 x 65 x 38 mm.

CONTACT TACHOMETER

Model : DT-2235B

* 0.5 to 19,999 RPM.
* m/min, ft/min, inch/min.

CONTACT TACHOMETER

Model : DT-2245

* 0.5 to 19,999 RPM.
* m/min, ft/min, inch/min.

TACH/MULTIMETER, *hobby airplane*

Model : DT-602

* Hobby Airplane tachometer & DMM.
* Tach. (2,3,4 propeller), DCV, ohms.
* Display : 13 mm LCD, 3 1/2 digits.
* Size: 185 x 70 x 30 mm.

STROBOSCOPE

digital synthesis, high intensity light

Model : DT-2249A (AC 110V)

Model : DT-2249A (AC 220V or 230 V)

* New generation Stroboscope.
* Digital synthesis circuit, high stability and high adjustment resolution.
* Range : 60 to 32,000 RPM.
* Adjustment resolution : 0.1 RPM (< 1,000 RPM), 1 RPM (≧ 1,000 RPM)
* High intensity light.
* Setting button : digital rotate button, X 2 button, ÷ 2 button, + button, - button, easy to adjust the desired RPM.

DIGITAL STROBOSCOPE, ***rotary knob adj.***

Model : DT-2239A (AC 110V)

Model : DT-2239A (AC 220V or 230V)

* Range : 100 - 10,000 RPM.
* Accuracy : ± (0.05 % + 1 d).
* Xenon flash tube, Display : 10 mm red LED.
* Size : 210 x 120 x 120 mm.

DIGITAL STROBOSCOPE

XENON, AC power or Battery power

Model : DT-2339

Push Button

DIGITAL STROBOSCOPE,

RS-232 + push button adj.

Model : DT-2269 (AC 110V)

Model : DT-2269 (AC 220V or 230V)

* Range: 5 to 12,500 RPM.
* RPM setting by push button.
* External trigger signal input for simultaneous testing and measurement.
* Xenon flash tube, Display : 14 mm red LED.
* RS-232/USB computer interface.
* Optional, RS232 interface cable UPCB-02, USB interface cable USB-01.
* Optional software, SW-U801-WIN.

STROBOSCOPE, *battery power, LED array*

Model : DT-2199

* Stroboscope use high intensity LED array.
* LCD display with back light.
* Stroboscope range : 100 to 99,999 RPM.
* Power supply : Batteries, 1.5 V (UM-1, D) x 4 PCs.
* AC/DC adapter is optional.

Recharge batteries BAUM-01 (optional)

STROBOSCOPE, *XENON, AC power or Battery power*

Model : DT-2339

* Stroboscope use high intensity XENON tube.
* LCD display with back light.
* Stroboscope range : 100 to 15,000 RPM.
* External trigger for stroboscope.
* DCV power supply via external AC/DC adapter, 90-260 ACV/DC adapter is the standard accessory.
* Build in battery compartment, power can use the DC 1.2 V Ni-MH recharge battery (UM-1, D size, BAUM-01) X 4 PCs, the recharger batteries and the battery charger (BACH-220/220 ACV, BACH-110/110 ACV) are the optional accessories.

STROBOSCOPE, LED array, battery power, *+ photo Tachometer, 2 in 1*

Model : DT-2299

* Stroboscope use high intensity LED array.
* LCD display with back light.
* Stroboscope range : 10 to 99,999 RPM.
* External trigger for stroboscope.
* Photo tach. range : 10 to 99,999 RPM.
* Photo tachometer use the laser light beam.
* Optional contact tach. adapter, TA-35.
* Power supply : Batteries, 1.5 V (UM-1, D) x 4 PCs
* AC/DC adapter is optional.

Recharge batteries BAUM-01 (optional)

STROBOSCOPE, *XENON, AC power or Battery power, + photo Tachometer, 2 in 1*

Model : DT-2289

* Stroboscope use high intensity XENON tube.
* LCD display with back light.
* Stroboscope range : 100 to 15,000 RPM.
* External trigger for stroboscope.
* Photo tach. range : 10 to 99,999 RPM.
* Photo tachometer use the laser light beam.
* Optional contact tach. adapter, TA-35.
* DCV power supply via external AC/DC adapter, 90-260 ACV/DC adapter is the standard accessory.
* Build in battery compartment, power can use the DC 1.2 V Ni-MH recharge battery (UM-1, D size, BAUM-01) X 4 PCs, the recharger batteries and the battery charger (BACH-220/220 ACV, BACH-110/110 ACV) are the optional accessories.

THERMOMETER, *4 channels*
Model : TM-903A
* 4 channels input.
* Thermocouple type J & type K.
* -100 to 1300 °C, max. 0.1 °C/ 0.1 °F.
* RS-232/USB, Hold, Record (Max., Min.).

THERMOMETER, *4 channels, 4 display*
Model : TM-946

PT 100 ohm TEMPERATURE PROBE
Model : TP-100
* The exclusive Pt 100 ohm precision Temp. probe for TM-907A, TM-917, TM-917HA, TM-2000, TM-936.
* Sensor type : Pt 100 ohm.
* Range : -50 to 400 °C.

TYPE K TEMPERATURE PROBE
TP-01 : -40 to 250 °C, Naked-bead.
TP-02A: -50 to 900 °C, 3.2 mm Dia. x 10 cm.
TP-03 : -50 to 1000 °C, 8 mm Dia. x 10 cm.
TP-04 : -50 to 400 °C, Surface probe.

THERMOMETER, *2 in 1*
Model : TM-936
* Type K/J/E/T : -100 to 1300 °C, max. 0.1 °C/ 0.1 °F.
* Type R : 0 to 1700 °C, 1 °C/ 1 °F.
* PT 100 ohm : -200 to 800 °C, max. 0.1 °C/ 0.1 °F.
* RS-232/USB, Hold, Record (Max., Min.).

DUAL THERMOMETER, *RS-232*
Model : TM-906A
* μ-P circuit, LCD with display unit.
* Range : -200 to 1370 °C.
* Max., Min., Memory recall button.
* °C/°F, 0.1°/1°,T1, T2, T1-T2.
* Size : 180 x 72 x 32 mm. RS-232/USB.

TWO CHANNEL THERMOMETER, *pocket type*
Model : TM-924C, TM-924F
* T1, T2, Type K thermocouple, -50 to 1300 °C.
* TM-924C : °C, 0.1 degree/1 degree.
* TM-924F : °F, 0.1 degree/1 degree.
* Data hold, LCD display with back light.
* DC 9V (006P) battery or DC 9V adapter in.

PRECISION 0.01 degree THERMOMETER
Model : TM-917
* Pt 100 ohm: -199.99 °C to 850 °C, + Type J/K/R/E/T
* 0.01/0.1 degree, Memory, °C/°F, RS-232/USB.

PRECISION 0.01 degree THERMOMETER
Model : TM-907A
* Pt 100 ohm : -199.99 °C to 850 °C, high accuracy.

PT 100 ohm TEMP. PROBE
Model : TP-100

DUAL THERMOMETER
Model : TM-916
* μ-P circuit, LCD with display unit.
* Range : -200 to 1370 °C.
* Max., Min., Memory recall button.
* °C/°F, 0.1°/1°, T1, T2, T1-T2.
* Size : 180 x 72 x 32 mm.

DUAL CHANNEL THERMOMETER
Model : TM-914C, TM-914F
* -40 to 1200 °C (TM-914C)
* -40 to 2000 °F (TM-914F)
* Type K, dual channel, pocket size.
* Size : 131 x 70 x 25 mm.

4 channels THERMOMETER

Model : TM-946

* Type K/J, Pt 100 ohm, 4 display.
* 4 channels (T1, T2, T3, T4), T1-T2, °C/°F.
* Display 4 channels Temp. at the same time.
* Type K : -100 to 1300 °C.
* Type J : -100 to 1200 °C.
* Pt 100 ohm : -199 to 850 °C.
* °C/°F, 0.1 degree/1 degree.
* Data hold, Record (max., min.).
* RS-232/USB computer interface, data logger.
* Optional Type K Temp. probe, refer page 47.
* Optional Pt-100 ohm Temp. probe, TP-101.
* DC 1.5V (UM-4, AAA) battery x 6 or DC 9V adapter in.

Temp. probe (optional)

THERMOMETER, *Type K/J/R/E/T*

Model : TM-9126

* Type K : -50 to 1300 °C, 0.1 °C/0.1 °F.
  Type J : -50 to 1150 °C, 0.1 °C/0.1 °F.
  Type T : -50 to 400 °C, 0.1 °C/0.1 °F.
  Type E : -50 to 900 °C, 0.1 °C/0.1 °F.
  Type R : 0 to 600 °C, 1 °C/1 °F.
* Professional thermometer with multi-function.
* Optional full range temperature probe.
* RS-232/USB computer interface.
* Data hold, Record (Max., Min.).
* DC 1.5V (UM-4, AAA) battery x 6 or DC 9V adapter in.

Muti-function THERMOMETER, *Real time data logger*

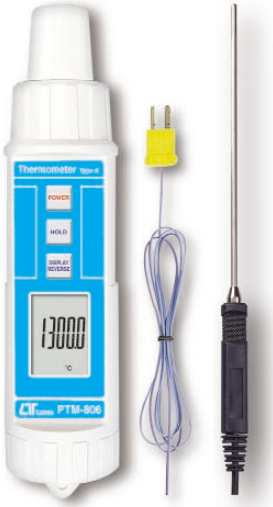
Model : YK-2005TM

* High capacity, 16,000 data logger point.
* Real time data logger (record year, month, date, hour, minute, second).
* Multi-function : Type K, Type J, Pt100 ohm, Infrared Thermometer.
* Type K : -50 to 1300 °C, Type J : -100 to 1100 °C, Pt 100 ohm -200 to 850 °C.
* Optional probe : Type K probe, Type J probe,, PT 100 probe, IR probe.
* Max., Min., Data hold, zero adjust.
* RS-232/USB computer interface.
* Jumbo LCD display.
* DC 1.5V (UM3, AA) x 4 PCs or DC 9V adapter in.
* Size : 203 x 76 x 38 mm.

THERMOMETER, *all in 1*

Model : PTM-816

* Cooperate with the type K Temp. probe.
* Range : -50 to 230 °C x 0.1 °C.
* Unit : °C, °F. internal adjustment.
* Meter with the probe, all in 1, easy operation.
* Hold function to freeze display value.
* Build in reverse display button.
* IP-67 Water resistance, heavy duty.
* DC 1.5V battery (UM-4, AAA) x 4.



Separate probe, type K

THERMOMETER

Model : PTM-806

* Cooperate with the type K Temp. probe.
* Range : -100 to 1300 °C x 0.1 °C.
* Unit : °C, °F. internal adjustment.
* Separate probe, easy for remoting measurement.
* Temp. probe, TP-01 is included.
* Optional temp. probe : TP-02A, TP-03, TP-04.
* Hold function to freeze display value.
* Build in reverse display button.
* DC 1.5V battery (UM-4, AAA) x 4.

T1, T2, T1-T2, two displays

TWO CHANNEL THERMOMETER

Model : TM-925

* T1, T2, T1-T2, Type K/J.
* °C/°F, 0.1 degree/1 degree.
* Type K : -100 to 1300 °C.
* Type J : -100 to 1200 °C.
* Data hold, Record (max., min.).
* 1600 Data logger point.
* RS-232/USB interface, data logger.
* DC 9V battery (006P) or DC 9V adapter in.

IR Thermometer SERIES

INFRARED THERMOMETER
+ type K THERMOMETER, 2 in 1
Model : TM-909AL
* Non contact temperature measurement.
* With red Laser target light guide.
* °C/°F, Max., Min., Rel., Data hold.
* IR : -20 °C to 400 °C , 0.1 ° resolution.
* Type K thermometer : -50 °C to 1230 °C.
* Gun type, heavy duty, emissivity value adjust.

INFRARED THERMOMETER
Model : TM-919AL
* Non contact temperature measurement.
* With red Laser target light guide.
* °C/°F, Max., Min., Rel., Data hold.
* Range : -20 °C to 400 °C , 0.1 ° resolution.
* Gun type, heavy duty, emissivity value adjust.

3 in1

THERMOMETER, *3 in 1*
Model : TM-2000
* The best thermometer in the world.
* 3 in 1, Infrared thermometer + Pt 100 ohm + Type K/J/ R/ E/T, intelligent.
* With laser target guide for IR measurement.
* IR range : -20 to 400 °C.
* Type K/J/R/E/T : -100 to 1700 °C maximum.
* Pt 100 ohm : -20 to 800 °C, 0.1 °C/ 0.1 °F.
* RS-232/USB, Data hold, Max., Min. Relative.
* 0.1 degree resolution for PT 100 ohm & type K/J/T/E.
* Size : 195 x 68 x 30 mm.

650°C *+ type K/J/R/E/T*

High Temp. IR THERMOMETER *+ type K/J/R/E/T*
Model : TM-939
* IR Range : -20 to 650 °C (-4 to 1202 °F), °C/ °F.
* IR emissivity adjustable 0.20 to 1.00.
* IR with Laser target guide, RS-232/USB.
* Thermocouple input : type K/J/R/E/T.
* Type K : -100 to 1300 °C, 0.1 °C/0.1 °F.
* Size : 220 x 68 x 30 mm.

650°C

High Temp. IR THERMOMETER, *wide range*
Model : TM-949
* IR Range : -20 to 650 °C (-4 to 1202 °F), °C/ °F.
* IR emissivity adjustable 0.20 to 1.00.
* IR with Laser target guide.
* RS-232/USB computer interface.
* Size : 220 x 68 x 30 mm.

INFRARED THERMOMETER (non-contact)
Model : TM-908
* Separate probe, contactless Temp. measurement.
* -10 °C to 300 °C, °C/°F, 1°/0.1°.
* 0.1 degree resolution,°C/°F.
* Emissivity adjustment.
* RS-232/USB, Data hold, Max., Min.

NARROW SPOT IR THERMOMETER
Model : TM-910
* Small target size, contactless temp. measurement.
* -10 to 300 °C (14 to 572 °F).
* 0.1 degree resolution,°C/°F.
* Separate probe, easy operation.
* Emissivity adjustment.
* Data hold, Max., Min., RS-232/USB.

Infrared Thermometer,
economical type, LED target light
Model : TM-956

* Range : -30 °C to 305 °C .
* Mini pocket type.
* 0.95 emissivity value.
* High intensity LED target ligh, safety.
* 0.5 degree display resolution.
* °C, °F internal select with default.
* Automatic display hold.
* DC 9V battery (006P).

Dual laser targeting + type K thermometer
1,000 °C INFRARED THERMOMETER
Model : TM-969

* 1,000 °C no contact infrared Temp. measurement.
* 1400 °C type K thermometer.
* Dual laser for better targeting.
* Large LCD display with back light.
* D/S ratio value : 50/1.
* Min., Max., Differential, Average, Lock mode.
* Last measurement memory.
* Hi/Lo Temperature Audio Alarm.
* Adjustable emissivity value from 0.1 to 1.00.
* Power supply : DC 1.5V battery (UM 4/AAA) x 2 PCs .
* Dimension : 203 x 197 x 47 mm

Infrared Thermometer,
LED target light, Emissivity adj.
Model : TM-959

* Range : -30 °C to 305 °C .
* Mini pocket type.
* High intensity LED target ligh, safety.
* Emissivity adjustment, 0.20 to 1.00.
* 0.5 degree display resolution.
* °C, °F internal select with default.
* Automatic display hold.
* DC 9V battery (006P).

Infrared Thermometer,
Laser target light, Emissivity adj.
Model : TM-958

* Range : -30 °C to 305 °C .
* Mini pocket type.
* Laser target light.
* Emissivity adjustment, 0.20 to 1.00.
* 0.5 degree display resolution.
* °C, °F internal select with default.
* Automatic display hold.
* DC 9V battery (006P).

LIGHT METER
Model : LX-1102
* Large LCD with bar graph, Fc & Lux select.
* 40.00/400.0/4,000/40,000/400,000 Lux.
* Sensor meet C.I.E. spectrum, 2 filters.
* Zero adjust, bar graph LCD.
* RS-232/USB, Hold, Record.

LIGHT METER, *4 light type*
Model : LX-1108
* Large LCD display with bar graph display.
* 40.00/400.0/4,000/40,000/400,000 Lux.
* Lux, Foot-candle unit selection.
* Sensor meet C.I.E. spectrum, 2 filters.
* RS-232/USB, Hold, Record, Zero adjust.
* 4 light type selection, bar graph LCD.

LIGHT METER
Model : YK-10LX
* Large LCD display, 21.5 mm digit height.
* 2,000 Lux, 20,000 Lux.
* Sensor meet C.I.E. photopic spectrum.
* 2 filters, professional.
* Hold, External zero adjust.

LIGHT METER, *RS232*
Model : LX-105
* μ-P circuit, 2,000/20,000/50,000 Lux.
* Max., Min., Memory recall button.
* Lux, Ft-candle, % values, wide range.
* 4 light type select by push button.
* RS-232/USB computer interface.
* Size : 180 x 72 x 32 mm.

LIGHT METER
Model : LX-107
* μ-P circuit, 2,000/20,000/100,000 Lux.
* Max., Min., Memory recall button.
* Lux, Ft-candle, wide range.
* 4 light type select by push button.
* Size : 180 x 72 x 32 mm.

LIGHT METER, *pocket*
Model : LX-100, 2,000/20,000 Lux.
Model : LX-100F, 200.0/2,000 Foot-candle.
Model : LX-101A, 2,000/20,000/50,000 Lux.

LIGHT METER, *pocket*
Model : LX-103
* 2,000/20,000/50,000 Lux, Zero adj.
* Lux & Foot-candle unit select.
* 2 filters, spectrum meet C.I.E.

LIGHT METER, *analog output*
Model : LX-102
* 2,000/20,000/50,000 Lux, Foot-candle.
* 2 filters, spectrum meet C.I.E.
Model : LX-108
* 200/2,000/20,000 Lux, Foot-candle.
* 2 filters, spectrum meet C.I.E.

LIGHT METER, *pocket*
Model : LX-101
* 2,000/20,000/50,000 Lux, Zero adj.
* 2 filters, spectrum meet C.I.E.

LIGHT METER
Model : LM-81LX
* 2,000 Lux, 20,000 Lux, auto range.
* 200 Ft-cd, 2,000 Ft-cd, auto range.
* Lux/Ft-cd unit select, zero adjust.
* Data hold, Record (Max., Min.).
* Tiny bone shape with light weight and small size.

LIGHT METER, *Real time data logger*
Model : YK-2005LX
* High capacity, 16,000 data logger point.
* Real time data logger (record year, month, date, hour, minute, second).
* Range : 200/2,000/20,000/100,000 Lux.
* Unit : Lux, Feet-candle.
* 4 light type selection.
* Sensor meet C.I.E. spectrum, 2 filters.
* Max., Min., Data hold, zero adjust.
* RS-232/USB computer interface.
* Jumbo LCD display.
* DC 1.5V (UM3, AA) x 4 PCs or DC 9V adapter in.
* Size : 203 x 76 x 38 mm.

LIGHT METER, *4 light type, bar graph display, wide range*
Model : LX-1118
* Large LCD display with bar graph.
* 40.00/400.0/4,000/40,000/400,000 Lux.
* Lux or Feet-candle unit selection.
* 4 light type select.
* Sensor meet C.I.E. spectrum, 2 filters.
* Data hold, Record (max., min.).
* RS-232/USB computer interface.
* DC 1.5V battery (UM-4, AAA) x 6.

LIGHT METER
Model : PLX-111
* 0 to 20,000 Lux, 0 to 2,000 Ft-cd.
* Unit : Lux, Ft-cd.
* Auto range.
* Pen type, all in one, easy carryout.
* Hold function to freeze display value.
* DC 1.5V battery (UM-4, AAA) x 4.

UVA LIGHT METER, *RS-32*

Model : UVA-365

* UVA Ultra-Violet radiometer.
* 3 ranges :
  199.9 μW/cm^2 x 0.1 μW/cm^2.
  1.999 mW/cm^2 x 0.001 mW/cm^2.
  19.99 mW/cm^2 x 0.01 mW/cm^2.
* Data Hold.
* RS232/USB computer interface.
* Max., Min., Memory recall button.
* Size : 180 x 72 x 32 mm.

UVC LIGHT METER, *RS232*

Model : UVC-254

* UVC Ultra-Violet radiometer.
* 3 ranges :
  199.9 μW/cm^2 x 0.1 μW/cm^2.
  1.999 mW/cm^2 x 0.001 mW/cm^2.
  19.99 mW/cm^2 x 0.01 mW/cm^2.
* Data Hold.
* RS232/USB computer interface.
* Max., Min., Memory recall button.
* Size : 180 x 72 x 32 mm.

UV LIGHT METER, *pocket*

Model : UV-340A

* Spectrum : 290 nm -390 nm.
* Application :
  UVA & UVB measurement.
* 2 ranges :
  1999 μW/cm^2 x 1 μW/cm^2.
  19990 μW/cm^2 x 10 μW/cm^2.
* Pocket size.
* Microprocessor circuit.
* Seperate probe easy operation.

UV LIGHT METER

Model : YK-35UV

* Spectrum : 290 nm -390 nm
* Application : UVA & UVB measurement.
* 2 ranges :
  2 mW/cm^2 x 0.001 mW/cm^2.
  20 mW/cm^2 x 0.01 mW/cm^2.
* Data hold.
* RS232/USB computer interface.
* Max., Min., memory recall.
* Seperate probe easy operation.

ANEMOMETER, *mini vane*

Model : AM-4213

* 13 mm Dia. heavy mini vane, telescope probe.
* High Temp. air velocity measurement.
* m/s, ft/min, km/h, knots, mile/h, Temp. (°C/°F).
* 0.8 to 12.0 m/s., μ-P circuit. RS-232/USB.

ANEMOMETER, *mini vane, CMM, CFM*

Model : AM-4216

* Function same as AM-4213 but with CMM (m^3/min.), CFM (ft^3/min.).

ANEMOMETER

Model : LM-81AM

* Anemometer : 0.4 to 30.0 m/s.
* m/s, km/h, MPH, knots, ft/min.
* Data hold, Record (Max., Min.)
* Tiny bone shape with light weight and small size.

Model : LM-81AT

* Same as LM-81AM but with Temp. measurement.

ANEMOMETER

Model : AM-4203

* μ-P circuit, 0.4 to 25.0 m/s.
* Max., Min., Memory recall button.
* m/s, ft/min, km/h, mile/h, knots, Temp. (°C/°F).
* Size : 180 x 72 x 32 mm. RS-232/USB.

ANEMOMETER

Model : YK-80AP, *refer page 2.*

* m/s, ft/min, km/h, knots, mile/h.
* Temperature : °C/°F.
* RS-232/USB, Hold, Record (Max., Min.).

Model : YK-80AM, *metal vane, refer page 2.*

Model : YK-80AS, *mini vane, refer page 2.*

ANEMOMETER, *air flow + air velocity*

Model : AM-4206

* CMM (m^3/min.), CFM (ft^3/min.)
* m/s, ft/min, km/h, mile/h, knots, Temp. (°C/°F).
* 0.4 to 25.0 m/s., μ-P circuit.
* Max., Min., Memory recall button.
* Size : 180 x 72 x 32 mm. RS-232/USB.

ANEMOMETER

Model : AM-4203HA

* μ-P circuit, 0.4 to 25.0 m/s.
* m/s, ft/min, km/h, mile/h, knots, Temp. (°C/°F).
* Max., Min., Memory recall button.
* Size : 185 x 78 x 38 mm.

ANEMOMETER, *metal vane + air flow*

Model : AM-4206M

* CMM (m^3/min.), CFM (ft^3/min.)
* m/s, ft/min, km/h, knots, mph, Temp.(°C/°F).
* Range : 0.5 to 35 m/s.
* Metal vane, heavy duty anemometer probe.
* RS-232/USB, Hold, Record (Max., Min.).

ANEMOMETER (w/ Temp.)

Model : AM-4202

* 0.4 to 25.0 m/s, m/s, ft/min, km/h, knots, Temperature, Data hold, 18 mm LCD.
* Low-friction ball-bearing vane.

ANEMOMETER (w/o Temp.)

Model : AM-4201

ANEMOMETER,
Real time data logger + air flow
Model : YK-2005AM
* High capacity, 16,000 data logger point.
* Real time data logger (record year, month, date, hour, minute, second).
* Air velocity, Air flow, Temp., type K Temp.
* Metal vane, heavy duty.
* 0.4 to 30.0 m/s. CMM, CFM.
* Max., Min., Data hold.
* RS-232/USB computer interface.
* Jumbo LCD display.
* DC 1.5V (UM3, AA) x 4 PCs or DC 9V adapter in.
* Size : 203 x 76 x 38 mm.

ANEMOMETER
Model : MY-81AP
* Range : 0.4 to 25.0 m/s.
* m/s, km/h, ft/min., knots, mile/h, Temp.
* Temp. : 0 to 50 °C, °C/°F.
* Low-friction ball vane wheels is accurate in both high & low velocity.
* LCD show both air velocity and Temp. value.
* Remote vane probe separately, easy operation.
* RS-232/USB computer interface.
* Data hold, Record (Max., Min.).
* DC 1.5V (UM-4, AAA) battery x 6.

VANE ANEMOMETER/BAROMETER/HUMIDITY/TEMP.
Model : ABH-4225
* Air velocity : 0.4 to 30.0 m/s, ft/min., km/h, mile/h, knots.
* Barometer : 10 to 1100 hPa, mmHg, inHg.
* Humidity : 10% to 95% RH, Dew.
* Temperature : 0 to 50 °C, °C/°F.
* All in one, hand held type.
* Vane probe, high reliability.
* Hold, Record (max., min.).
* DC 1.5V battery (UM-4, AAA) x 4.

VANE ANEMOMETER/HUMIDITY/TEMPERATURE
Model : AH-4223
* Air velocity : 0.4 to 30.0 m/s, ft/min., km/h, mile/h, knots.
* Humidity : 10% to 95% RH, Dew.
* Temperature : 0 to 50 °C, °C/°F.
* All in one, hand held type.
* Vane probe for anemometer.
* Hold, Record (max., min.).
* DC 1.5V battery (UM-4, AAA) x 4.

+ Temperature
VAN ANEMOMETER
Model : AM-4222
* Air velocity : 0.4 to 30.0 m/s
* Temperature : 0 to 50 °C, °C/°F.
* Unit : m/s, km/h, knots, ft/min, mile/h.
* Temp. : 0 to 50 °C, °C/°F.
* All in one, compact and handheld type.
* LCD display, Data hold.
* DC 1.5V battery (UM-4, AAA) x 4.

+ Temperature

CUP ANEMOMETER

Model : AM-4221

* Out side air speed measurement.
* 0.9 to 35.0 m/s, ft/min., km/h, mile/h, knots.
* Temperature : 0 to 50 °C, °C/°F.
* All in one, hand held type.
* Cup type probe, high reliability.
* LCD display, Record (max., min.).
* IP-65 Water resistance, heavy duty.
* DC 1.5V battery (UM-4, AAA) x 4.

CUP ANEMOMETER

Model : AM-4220

* Out side air speed measurement.
* 0.9 to 35.0 m/s, ft/min., km/h, mile/h, knots.
* All in one, hand held type.
* Cup type probe, high reliability.
* LCD display, Record (max., min.).
* IP-65 Water resistance, heavy duty.
* DC 1.5V battery (UM-4, AAA) x 4.

CUP ANEMOMETER/BAROMETER/HUMIDITY/TEMP.

Model : ABH-4224

* Air velocity : 0.9 to 35.0 m/s, ft/min., km/h, mile/h, knots.
* Barometer : 10 to 1100 hPa, mmHg, inHg.
* Humidity : 10% to 95% RH, Dew.
* Temperature : 0 to 50 °C, °C/ °F.
* All in one, hand held type.
* Cup type probe, no wind direction.
* Hold, Record (max., min.).
* DC 1.5V battery (UM-4, AAA) x 4.

HOT WIRE ANEMOMETER ,
Real time data logger + air flow
Model : YK-2005AH

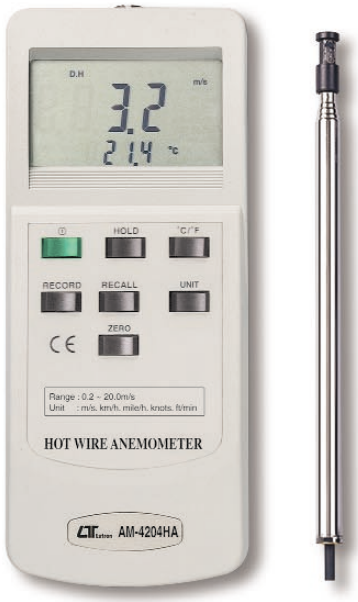
* High capacity, 16,000 data logger point.
* Real time data logger (record year, month, date, hour, minute, second).
* Air velocity, Air flow, Temp., type K Temp.
* Hot wire anemometer, high precision for low air velocity measurement.
  Telescope probe.
* 0.2 to 20.0 m/s. CMM, CFM.
* Max., Min., Data hold.
* RS-232/USB computer interface.
* Jumbo LCD display.
* DC 1.5V (UM3, AA) x 4 PCs or DC 9V adapter in.
* Size : 203 x 76 x 38 mm.

HOT WIRE ANEMOMETER, *air flow*
Model : YK-2004AH

* Air velocity, Air flow (CMM, CFM), Temperature.
* Hot wire anemometer, high precision for low air velocity measurement.
* Telescope and separate probe, easy operation.
* 0.2 to 20.0 m/s. CMM, CFM.
* Max., Min., Data hold.
* RS-232/USB computer interface.
* Jumbo LCD, unit with dot matrix display.
* DC 1.5V (UM-3, AA) x 4 PCs or DC 9V adapter in.
* Size : 203 x 76 x 38 mm.

HOT WIRE ANEMOMETER
Model : AM-4204

* 0.2 - 20.0 m/s, high precision for low air velocity measurement.
* m/s, ft/min, km/h, knots, mile/h,°C/°F.
* Max., Min., Data hold.
* RS-232/USB computer interface.
* Size : 180 x 72 x 32 mm. Telescope probe.



HOT WIRE ANEMOMETER
Model : AM-4204HA

* 0.2 - 20.0 m/s, high precision for low air velocity measurement.
* m/s, ft/min, km/h, knots, mile/h,°C/°F.
* Max., Min., Data hold.
* Size : 185 x 78 x 38 mm. Telescope probe.

HUMIDITY/TEMP. METER, *all in 1, RS232*

Model : HT-306

* Measurement : Humidity, Temp., Dew point
* Humidity : 10 to 95 %RH, Temp. : 0 to 50 °C.
* Resolution : 0.01 %RH, 0.01 degree.
* Fast response time.
* Data hold, Record (max., min.).
* Meter build in probe, all in one, easy operation.
* RS-232/USB computer interface.
* DC 9V battery (006P) or DC 9V adapter in.

HUMIDITY/ANEMOMETER METER, *+ type K/J Temp.*

Model : AM-4205A

* Anemometer : 0.4 to 25.0 m/s. m/s, ft/min., km/h, mile/h, knots, Temp.
* Humidity meter /%RH : 10 to 95 %RH. Humidity/Temp. : -10 to 50 °C, °C/°F.
* Type K thermometer : -100 to 1300 °C, °C/°F.
* Max., Min., data hold, RS-232/USB interface.

POCKET HUMIDITY METER, *economical type*

Model : HT-305

* Measurement : Humidity, Temp., Dew point
* Pocket and compact housing case.
* Fast response time.
* Humidity : 10 to 95 %RH , Temp. : 0 to 50 °C.
* Resolution : 0.1 %RH, 0.1 degree.
* DC 9V battery (006P).
* Separate probe.
* Size : 135 x 60 x 33 mm.

POCKET HUMIDITY METER

80 °C, wide temperature, RS232

Model : HT-315

* Measurement : Humidity, Temp., Dew point.
* Pocket and compact housing case.
* Fast response time.
* Humidity : 10 to 95 %RH , Temp. : 0 to 80 °C.
* Resolution : 0.01 %RH, 0.01 degree.
* DC 9V battery or AC/DC adapter power in.
* RS-232/USB, separate probe.
* Size : 135 x 60 x 33 mm.

HUMIDITY METER, *Dew point, Temp. , RS232*

Model : HT-3015

* Measurement : Humidity, Temp., Dew point
* Resolution : 0.01 %RH, 0.01 degree.
* 1000 data logger, RS-232/USB interface.
* Fast response time.
* Separate probe.
* LCD display, 006P DC 9 V battery.
* Size : 180 x 72 x 32 mm.

(optional)

HUMIDITY/TEMP. METER, *+ type K/J Temp.*

Model : HT-3006A

* Humidity meter/%RH : 10 to 95 %RH.
* Humidity meter/Temp. : 0 to 50.0 °C, °C/°F.
* Type K Thermometer : -50 °C to 1300 °C.
* Type J Thermometer : -50 °C to 1100 °C.
* Max., Min., data hold, RS-232/USB interface.
* Type K Temp. probe (optional) : TP-01, TP-02A, TP-03, TP-04, refer page 47.

HUMIDITY METER, *Dew point, Temp.*

Model : HT-3015HA

* Max., Min., Memory recall button.
* 10% - 95% RH, 0 - 50.0 °C, °C/°F.
* Measurement : Humidity, Temp., Dew point
* Resolution : 0.01 %RH, 0.01 degree.
* Fast response time, Separate probe.
* LCD display, 006P DC 9 V battery.
* Size : 185 x 78 x 38 mm.

(optional)

HUMIDITY/TEMP. METER, *+ type K/J Temp.*

Model : HT-3006HA

* Humidity meter/RH : 10% - 95% RH.
* Humidity meter/Temp. : 0 - 50.0 °C, °C/°F.
* Type K Thermometer : -50 °C to 1300 °C.
* Type J Thermometer : -50 °C to 1100 °C.
* Temp. probes (optional) : TP-01, 02A, 03, 04, refer to page 47.

HUMIDITY METER, *data logger, RS232*
Model : YK-90HT
* Humidity, Temp., Dew point.
* Humidity range : 10 % to 95 % R.H.
* Temp. range : 0 °C to 50 °C,32 °F to 122 °F.
* 0.01 %RH, 0.01 degree.
* 1000 data logger point.
* Optional data transmition software, SW-DL2005.
* RS-232/USB computer interface.

HUMIDITY METER, *+Dew Point + Type K*
Model : HD-3008

HUMIDITY METER, *Real time data logger*
Model : YK-2005RH
* Humidity : 10 to 95 %RH, Temp. : 0 to 50 °C, °C/ °F.
* High capacity, 16,000 data logger point.
* Real time data logger (record year, month, date, hour, minute, second).
* Humidity, Temp., Dew point, type K/J Temp.
* Resolution : 0.01 %RH, 0.01 degree.
* Humidity function with very fast response time.
* Max., Min., Data hold, zero adjust.
* RS-232/USB computer interface, Jumbo LCD.
* Optional data transmission software, SW-DL2005.
* DC 1.5V (UM3, AA) x 4 PCs or DC 9V adapter in.
* Size : 203 x 76 x 38 mm.

HUMIDITY METER
Model : MY-91HT
* Measurement : Humidity, Temp., Dew point.
* Humidity range : 10 % to 95 % R.H.
* Temp. range : 0 °C to 50 °C,32 °F to 122 °F.
* Resolution : 0.01% RH, 0.01 degree.
* 1000 data logger point.
* Fast response time, 1,000 point data logger.
* RS-232/USB, Data hold, Record (Max., Min.).
* DC 1.5V (UM-4, AAA) battery x 6.

HUMIDITY/TEMP. METER
Model : PHT-316
* Humidity : 10% to 95% RH.
* Temperature : 0 to 50 °C.
* Temp. unit : °C, °F. internal adjustment.
* Humidity measurement with fast response time
* All in one, pen type, easy carryout.
* Hold function to freeze display value.
* Build in reverse display button.
* DC 1.5V battery (UM-4, AAA) x 4.

HUMIDITY METER
Model : LM-81HT
* Humidity : 10 to 95 %RH.
* Temperature : 0-50.0 °C, °C/°F.
* Tiny bone shape with light weight and small size.

PRECISION HUMIDITY + TEMP. + DEW POINT
Model : HT-3009
* 1000 Data logger no., RS-232/USB interface.
* Resolution : 0.01 %RH, 0.01 degree.
* 4 sec., fast humidity response time.
* 2 %RH humidity accuracy, high precision.
* The best professional hygrometer.
* Optional data transmisstion software, SW-DL2005.

HUMIDITY/BAROMETER/TEMP. METER
Model : PHB-318
* Barometer : 10 to 1100 hPa, mmHg, inHg.
* Humidity : 10% to 95% RH, Dew.
* Temperature : 0 to 50 °C, °C/°F.
* All in one, pen type, easy carryout.
* Hold, Record (max., min.).
* DC 1.5V battery (UM-4, AAA) x 4.

33 %RH HUMIDITY CALIBRATOR
Model : RHA-33
75% RH HUMIDITY CALIBRATOR
Model : RHA-75

VANE ANEMOMETER/BAROMETER/HUMIDITY/TEMP.

Model : ABH-4225

* Air velocity : 0.4 to 30.0 m/s, ft/min., km/h, mile/h, knots.
* Barometer : 10 to 1100 hPa, mmHg, inHg.
* Humidity : 10% to 95% RH, Dew.
* Temperature : 0 to 50 °C, °C/°F.
* All in one, hand held type.
* Vane probe, high reliability.
* Hold, Record (max., min.).
* DC 1.5V battery (UM-4, AAA) x 4.

HUMIDITY/BAROMETER/TEMP. METER

Model : PHB-318

* Barometer : 10 to 1100 hPa, mmHg, inHg.
* Humidity : 10% to 95% RH, Dew.
* Temperature : 0 to 50 °C, °C/°F.
* All in one, pen type, easy carryout.
* Hold, Record (max., min.).
* DC 1.5V battery (UM-4, AAA) x 4.

CUP ANEMOMETER/BAROMETER/HUMIDITY/TEMP.

Model : ABH-4224

* Air velocity : 0.9 to 35.0 m/s, ft/min., km/h, mile/h, knots.
* Barometer : 10 to 1100 hPa, mmHg, inHg.
* Humidity : 10% to 95% RH, Dew.
* Temperature : 0 to 50 °C, °C/ °F.
* All in one, hand held type.
* Cup type probe, no wind direction.
* Hold, Record (max., min.).
* DC 1.5V battery (UM-4, AAA) x 4.

SOUND LEVEL METER, *economical type*
Model : SL-4010
* Frequency & time weighting meet IEC 61672 class 2.
* 35 to 130 dB, 3 ranges, Data hold.
* A frequency weighting, Fast time weighting.
* Size : 250 x 83 x 32 mm.

SOUND LEVEL METER
Model : SL-4001
* Frequency & time weighting meet IEC 61672 class 2.
* A, C weighting, Max. hold, Data hold, fast/slow time weighting, AC/DC output.
* Range : 3 ranges, 30 to 130 dB.
* Size : 245 x 80 x 35 mm.

SOUND LEVEL METER, *type 1*
Model : SL-4022
* Frequency & time weighting meet IEC 61672 class 1.
* 30 to 130 dB, 3 ranges, Max. hold, Data hold.
* A/C frequency weighting, F/S time weighting.
* AC output, Internal 94 dB calibration.
* Professional sound level meter.
* Size : 260 x 87 x 36 mm.

SOUND LEVEL METER
Model : SL-4011
* Frequency & time weighting meet IEC 61672 class 2.
* A, C weighting, Max., Data hold, fast/slow time weighting.
* AC/DC output, Max. Hold.
* Reset button for Max. hold.
* Range : 3 ranges, 35 to 130 dB.
* Size : 250 x 83 x 32 mm.

WIND SHIELD BALL
Model : SB-01
* Available for all Sound Level Meter.

SOUND LEVEL METER, *Auto Range & RS-232*
Model : SL-4012
* 30 - 130 dB, Auto range, Manual range.
* Frequency & time weighting, IEC 61672 class 2.
* A & C frequency weighting.
* Fast / Slow time weighting, Data hold.
* Peak hold, Memory (max., min.).
* AC output & RS-232/USB computer interface.
* Size : 268 x 68 x 29 mm.

Auto Range RS-232

SOUND LEVEL METER, *separate probe*
Model : SL-4013
* 30 to 130 dB, Auto range.
* RS-232/USB computer interface.
* 180° rotary sensor shelf.
* Separate probe optimum for remote measurement and low noise environment test.

SOUND CALIBRATOR, *94 dB*
Model : SC-941
* Professional, 1 KHz.
* Die casting aluminum alloy housing case.
* DC 9V batteries x 2 PCs.
* Size : round 50 mm Dia. x 82 mm.

SOUND CALIBRATOR, *94 dB & 114 dB*
Model : SC-942

Sound Level Meter
Ultrasonic Leakage
Ultrasonic Detector

SERIES

SOUND LEVEL METER, *pocket type*

Model : SL-4030

* Main specification meet IEC 61672 class 2.
* A, C weighting, Max. hold,
  fast/slow time weighting, AC/DC output.
* Range : 3 ranges, 30 to 130 dB.
* Mini pocket size.
* DC 9V battery (006P) or DC 9V adapter in.

ULTRASONIC LEAKAGE DETECTOR

Model : GS-5800

* Application : Air leaks around door & window gaskets & seals,
  Conduit & pipe identification, Windshield leaks...
* Bar LED to show the leakage level.
* Size : 255 x 70 x 28 mm.

ULTRASONIC TRANSMITTER

Model : GS-400

* Frequency output : 40 KHz.
* Crystal time base, 9V battery power.
* Size : 146 x 50 x 26 mm
* Work with the GS-5800.

EM-900P (Optional)

SOUND LEVEL METER, *auto range + Type K Temp. optional Humidity, Light, Anemometer*

Model : SL-4112

* 30-130 dB, auto range, manual range.
* Frequency and time weighting, IEC 61672 class 2.
* A or C frequency weighting.
* Fast/Slow time weighting, peak hold.
* Data hold, Record (max., min.).
* AC output, RS-232/USB computer interface.
* Data logger.
* Type K Thermometer : -100 to 1300 °C, °C/°F.
* Type J Thermometer : -100 to 1200 °C, °C/°F.
* Optional probe (EM-900P) for Humidity/Temp., Light and Anemometer measurement.
* DC 1.5V battery (UM-4, AAA) x 6 or DC 9V adapter in.
* Patened.

VIBRATION METER Model : VB-8200
* Separate professional vibration sensor.
* Velocity : 200 mm/s.
* Acceleration : 200 m/s^2.
* RMS, Peak, Hold, Record, RS-232/USB interface.

VIBRATION METER Model : VB-8210
* Build-in Metric & Imperial display unit.

VIBRATION/TACHOMETER, *3 in 1*
Model : VT-8204
* Separate professional vibration sensor.
* Vibration meter :
  Acceleration : 200 m/s^2, RMS, PEAK, Max. Hold, g, ft/s^2.
  Velocity : 200 mm/s, RMS, PEAK, Max. Hold, cm/s, inch/s.
  Displacement (p-p) : 2 mm, Max. Hold, cm, inch.
* Tachometer (photo) : 10 to 100,000 RPM.
  Tachometer (contact) : 5 to 19,999. RPM
  Tach. (surface speed) : m/min., ft/min. inch/min.
* Laser photo tachometer.
* 1600 Data logger point.
* Data hold, record (Max., Min.)
* Optional IR probe, IR-962.
* RS-232/USB computer interface.
* DC 1.5V (UM-3, AA) x 4 PCs.
* Patented.

VIBRATION METER, *Acc., Velocity, Disp.*
Model : VB-8220
* Separate professional vibration sensor.
* Acceleration : 200 m/s^2.
* Velocity : 200 mm/s.
* Displacement (p-p) : 2 mm.
* RMS, Peak value.
* RS-232/USB computer interface.
* Hard carrying case included.
* DC 9V battery (006P).

VIBRATION METER Model : VB-8202
* Separate professional vibration probe.
* Velocity : 200 mm/s.
* Acceleration : 200 m/s^2.
* RMS, Peak, Hold, Record, RS-232/USB interface.

VIBRATION METER Model : VB-8212
* Build-in Metric & Imperial display unit.

VIBRATION METER
Acc., Vel., Displacement, data logger
Model : VB-8203
* Acceleration : 200 m/s^2.
  Velocity : 200 mm/s.
  Displacement (p-p) : 2 mm.
* Max hold, peak value, data hold.
* Memory (Max., Min.).
* LCD display with bar graph.
* RS-232/USB interface, data logger.
* Hard carrying case is included.
* Size : 200 x 68 x 30 mm,
  Power : 9V battery.

VIBRATION METER
Acc., Vel., Displacement, data logger
Model : VB-8213
* Acceleration : 200 m/s^2.
  Velocity : 200 mm/s.
  Displacement : 2.0 mm.
* Max hold, peak value, data hold.
* Memory (Max., Min.)
* LCD display with bar graph.
* 500 point data logger.
* Zero adjustment, RS-232/USB computer interface.
* Optional data transmission software, SW-DL2005.
* Accelerator and hard carrying case are included.

VIBRATION METER
Model : VB-8201HA
* Professional vibration sensor included.
* Velocity : 200 mm/S.
* Acceleration : 200 m/S^2.
* RMS, Peak Hold, Max./Min.
* Size : 185 x 78 x 38 mm.

MOISTURE METER
Model : MS-7000
* Range : 9% to 30% moisture content.
* 9 material species groups in memory.
* Max., Min., Data hold, Self-calibration.
* Size : 180 x 72 x 32 mm. RS-232/USB.

CONCRETE /WOOD MOISTURE METER
Model : MS-7002
* 3 function : Concrete, Wood, Gypsum.
* Wood : 6% to 40% moisture content.
  Concrete : 0% to 100% moisture content.
  Gypsum: 0.2% to 50% moisture content.
* Max., Min., Data hold, Self-calibration.
* Size : 180 x 72 x 32 mm. RS-232/USB.

MOISTURE METER
Model : MS-7001
* Range : 9% to 30% moisture content.
* Max., Min., Data hold.
* Economical Moisture meter.
* Size : 185 x 78 x 38 mm.

MOISTURE METER,
all in one, bar graph LED + LCD
Model : MS-7003
* Wood and concrete moisture measurement.
* Wood material : 6 % to 40 % moisture content.
* Concrete material : 0 % to 100 % moisture content.
* Red LED bar graph indicator with LCD display,
* Meter build in test probe, all in one, easy operation.
* Data hold, Record (max., min.).
* Optional external probe, Model : MP-31.
* DC 9V battery (006P).

MOISTURE METER
Model : PMS-713
* Wood and concrete moisture measurement.
* Wood material : 0 to 40% moisture content.
* Concrete material : 0 to 100% moisture content.
* Meter build test probe, all in 1, easy operation.
* Hold function to freeze display value.
* IP-65 Water resistance, heavy duty.
* DC 1.5V battery (UM-4, AAA) x 4.

SOIL MOISTURE METER
Model : PMS-714
* Soil moisture content measurement.
* Range : 0 to 50 % moisture content.
* Heavy duty probe, probe length : 20 cm.
* Meter build test probe, all in one, easy operation.
* Hold, Record (max., min.).
* IP-65 Water resistance, heavy duty.
* DC 1.5V battery (UM-4, AAA) x 4.

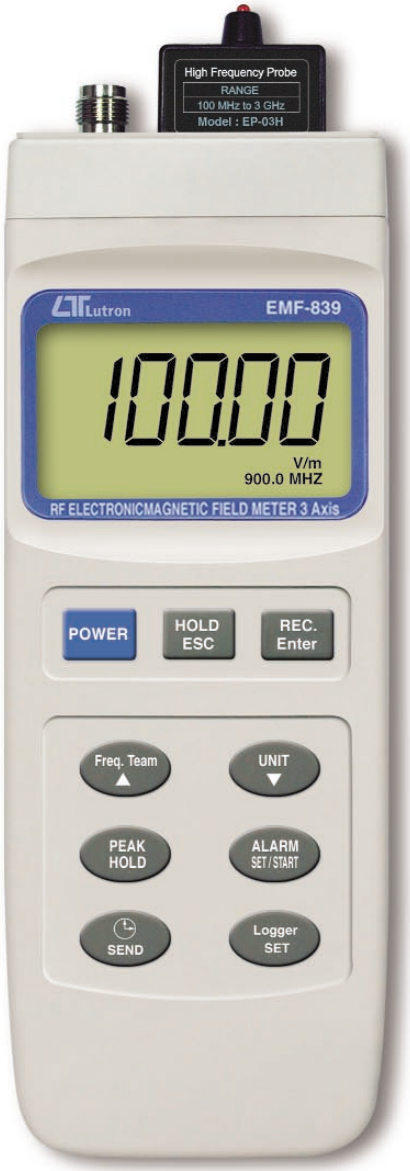
EMF TESTER
Model : EMF-823
* Electromagnetic field tester.
* Range : 20/200/2,000 micro Tesla.
  200/2000/20,000 milli-Gauss.
* Size : 163 x 70 x 30 mm, 13 mm LCD.

EMF TESTER, *separate probe*
Model : EMF-827
* Electromagnetic field tester.
* Range : 20/200/2,000 micro Tesla.
  200/2000/20,000 milli-Gauss.
* Separate probe.
* Size : 163x70x30 mm.

3D EMF TESTER **Model : EMF-828**
* Three axis (X, Y, Z direction) electromagnetic field measurement.
* Range : 20/200/2,000 micro Tesla.
  200/2,000/20,000 milli-Gause.
* Band width : 30 Hz to 300 Hz.
* LCD display, jumbo digit size.
* Heavy duty separate probe.
* Data hold, DC 9V battery.
* Hard carrying case included.
* Size : 200 x 68 x 30 mm.

EMF TESTER, *pocket*
Model : EMF-822A
* Electromagnetic field tester.
* 20 micro Tesla x 0.01 micro Tesla
* 200 milli Gauss x 0.1 milli Gauss
* Display : 13 mm LCD. Pocket size.
* Size : 131 x 70 x 25 mm

RF (Radio Frequency) Electromagnetic Field Meter



EP-03H
High frequency probe
100 MHz to 3 GHz

EP-04L
Low frequency probe
100 KHz to 100 MHz

3 Axis RF Electromagnetic Field Meter
100 MHz to 3 GHz, general purpose, one probe
Model : EMF-819

* 3 Axis RF EMF tester, general purpose application.
* Frequency range up to 3 GHz, for monitoring the wide range radio frequency EMF value or detect the micro wave leakage.
* Measuring range : 0 to 199.99 V/m,
  0 to 99.999 W/m^2
  0 to 9.9999 mW/cm^2
* Data hold, Peak hold. Record (Max., Min. value).
* Frequency Probe, EP-05H is included .
* Hard carrying case is included..
* RS232/USB computer interface.
* Large size LCD, Microcomputer circuit.
* Powered by DC 9V battery or DC 9V adapter.

3 Axis RF Electromagnetic Field Meter
100 KHz to 3 GHz, 2 probes, professional
Model : EMF-839

* 3 axis probe structure, professional RF frequency electromagnetic field tester.
* Frequency range : 100 KHz to 3 GHz.
* Unit : V/m, W/m^2, mW/cm^2.
* Measuring range :
  0 to 199.99 V/m,
  0 to 99.999 W/m^2,
  0 to 9.9999 mW/cm^2
* Probe 1 (low frequency probe) :
  100 KHz to 100 MHz, Model EP-04L.
* Probe 2 (high frequency probe) :
  100 MHz to 3 GHz, Model EP-03H.
* Data hold, peak hold.
* Record (Max., Min. value).
* Peak hold function to latch peak value.
* Data hold function to lock the current reading.
* RS232/USB computer interface.
* Real time data logger, build in clock (hour-MIN-sec., year-month-date).
* Auto or manual data record, 16,000 Data logger no.
* Alarm value setting.
* Complete set with two probes, EP-04L, EP-03H and hard carrying case.
* Application :
  EMF-839 is professional RF EMF tester, used for broadband devices of monitoring high frequency radiation in the range electromagnetic field strength measurement of the Mobil phone, cell phone base station, micro wave leakage...

COLOR ANALYZER, *probe + meter, RS232*

Model : RGB-1002

* Measuring sample : no lighting sample (textiles, paper, leathers...).
* Measurement value : RGB value, HSL value (Hue/Saturation/Luminance).
* R (Red) value : 0 to 1023.
  G (Green) value : 0 to 1023.
  B (Blue) value : 0 to 1023.
* 45° /0° color measuring geometry.
* Used the spectral analysis method to determine the color of the sample.
* Complete set included the color probe and the meter, show RGB or HSL value at same time.
* RS232/USB computer interface.
* Power : 006P DC 9V battery.
* Meter size : 203 x 76 x 38 mm.

PH METER, *RS-232*

Model : PH-208

* pH : 0 to 14.00 pH, ±1999 mV.
* mV function for ORP electrode.
* Manual temperature compensation.
* ATC via optional Temp. probe (TP-07).
* Easy pH calibration procedures.
* RS232/USB, Hold, Record (Max., Min.), °C/°F.

PH METER

Model : YK-21PH

* 0 to 14 pH x 0.01 pH.
* Large LCD display, 21.5 mm digit height.
* Accuracy : ±0.1 pH (pH 4 to pH 10).
* Data hold, professional case.

Mini PH METER

Model : PH-207HA

* 0 to 14 pH x 0.01 pH.
* μ-P circuit, LCD with annunciator.
* Max., Min., Memory recall button.
* pH, mV, Temp., manual Temp. Adj. or ATC.

PH-mV-TEMP. METER

Model : PH-206

* pH : 0 to 14.00 pH, mV : -1999 to 1999 mV, Temp. : 0 to 100.0 °C.
* Manual/Auto Temp. compensation.
* Size : 160 x 80 x 35 mm.

PH METER, *RS-232*

Model : PH-207

* 0 to 14 pH x 0.01 pH.
* μ-P circuit, LCD with annunciator.
* Max., Min., Memory recall button.
* pH, mV, Temp., manual Temp. Adj. and ATC, RS232/USB interface.
* Size : 180 x 72 x 32 mm. RS232/USB.

PH METER, *pocket*

Model : PH-201

* 0 to 14 pH x 0.01 pH.
* Economical type.
* pocket size.
* Accuracy : ± 0.1 pH (pH 4 - pH 10).
* Display : LCD, 13 mm digit size.
* Size: 131 x 70 x 25 mm.

pH Meters SERIES
Soil pH Meters

PEN PH METER

Model : PH-220

* Separate pH electrode, easy for general purpose and remote measurement.
* 0 to 14.00 pH.
* Auto calibration for pH 4, pH 7 or pH 10.
* Temp. adjustment is not necessary.
* IP-65 water proof.
* Pen type, easy carry out.
* Complete set with separate pH electrode (PE-11) and pH 4, pH 7 standard solution.
* Build in reverse display button.
* DC 1.5V battery (UM-4, AA) x 4, long life.

PEN PH METER

Model : PH-222

* 0 to 14.00 pH.
* ATC (auto temperature compensation).
* Auto calibration for pH 4, pH 7 or pH 10.
* Meter with pH electrode, all in one.
* IP-67, water proof.
* Easy replacement for the pH electrode.
* Pen type, easy carry out.
* Data logger.
* pH 4, pH 7 standard solution are included.
* DC 1.5V battery (UM-4, AA) x 4, long life.

SOIL PH METER

Model : PH-220S

* Complete set with separate soil, spear tip pH electrode and pH 4 and pH 7 standard solution.
* Meter : 0 to 14 pH x 0.01 pH. Electrode : 1 to 13 pH.
* Auto calibration for pH 4, pH 7 or pH 10.
* Temp. adjustment is not necessary.
* IP-65 water proof.
* Build in reverse display button.
* DC 1.5V battery (UM-4, AA) x 4, long life.
* Spear tip pH electrode, ideal for penetration pH measurements into soil, meats, cheese and other type of measurements requiring sample penetration.

PH METER, *ATC ,two displays*

Model : PH-221

* 0 to 14.00 pH, ±1,999 mV.
* LCD show both pH and the temperature.
* ATC or manual TEMP. compensation.
* Auto calibration for pH 4, pH 7 and pH 10.
* Optional pH electrode and the ATC probe.
* 1600 Data logger point.
* RS232/USB computer interface.
* DC 9V battery (006P) or DC 9V adapter in.

SOIL PH METER

Model : PH-212

* Kits with pH METER, soil pH electrode, pH 4.0/pH 7.0 standard solution, carrying case.
* Meter : 0 to 14 pH x 0.01 pH. Electrode : 1 to 13 pH.
* Pocket housing, LCD display.
* Meter size : 135 x 60 x 33 mm.
* Spear tip pH electrode (included), ideal for penetration pH measurements into soil, meats, cheese and other type of measurements requiring sample penetration.

PH METER

Model : PH-211

* 0 to 14 pH x 0.01 pH.
* Pocket size, LCD display.
* Wall mount available for monitoring usage.
* Size : 135 x 60 x 33 mm.

pH Electrode
pH Solution

PE-03

PE-11

PE-01

PH ELECTRODE
Model : PE-03
* General purpose, cost effective.
* 1 to 13 pH (typical 0 to 14 pH).
* Epoxy body, w/BNC connector.
* Body size : 12.3 mm Dia. x 160 mm.

pH ELECTRODE
Model : PE-11
* General purpose, high quality, cost effective.
* 1 to 13 pH (typical 0 to 14 pH).
* Epoxy body, w/BNC connector.
* Size : 10 mm Dia. x 128 mm.

PH ELECTRODE
Model : PE-01
* Professional, Laboratory, high quality & field usage.
* 0 to 14 pH.
* Epoxy body with BNC connector.
* Size : 9.5 mm Dia. x 130 mm.

PE-05T

PE-03K7

TP-06
TP-07

pH ELECTRODE *+ Temp. probe, 2 in 1*
Model : PE-05T
* PH ELECTRODE with Temp. probe inside.
* Available for PH-207, PH-208, PH-207HA

pH ELECTRODE + TEMP. PROBE
Model : PE-03K7
* One kit combine pH electrode PE-03 & Temp. probe TP-07 as a whole unit.
* Easy operation for the pH measurement under the ATC (Automatic Temp. Compensation).
* Available for PH-208, PH-207, PH-207HA, YK-2001PH, YK-2005WA).

OPTIONAL TEMP. PROBE for pH METER
Model : TP-06
* The optional Temp. probe for PH-206.
* Transistor sensor, 0 to 60 °C.

Model : TP-07
* The optional Temp. probe for PH-207, PH-207HA, PH-208, YK-2005WA.
* Thermistor sensor, 0 to 60 °C.

PE-21

PE-06HD

PE-04HD

SPEAR TIP pH ELECTRODE
Model : PE-06HD
* Penetration pH measurement into meats, cheese, soil and other penetration samples.
* General purpose, cost effective.

SPEAR TIP PH ELECTRODE
Model : PE-04HD
* The PH-04HD spear tip pH electrode is ideal for penetration pH measurements into meats, cheese, soil and other types of measurements requiring sample penetration.
* pH range : 0 to 14 pH. Temp. range : 0 to 60 °C.
* Size : 12 mm Dia. x 157 mm.

Industrial in line pH ELECTRODE, *professional*
Model : PE-21
* Heavy duty pH electrode, design for monitoring pH value continuously in the factory and laboratory.
* Range : 0 to 14 pH.
* Available for pH controller, PPH-2108. refer page 79.

PH-07, PH-04

PH-07A, PH-04A

pH 7 BUFFER SOLUTION
Model : PH-07
* pH 7.00 buffer solution.

pH 4 BUFFER SOLUTION
Model : PH-04
* pH 4.00 buffer solution.

pH 7 BUFFER SOLUTION
Model : PH-07A
* pH 7.00 buffer solution.

pH 4 BUFFER SOLUTION
Model : PH-04A
* pH 4.00 buffer solution.

CD

CONDUCTIVITY METER
Model : YK-43CD
* 2 Ranges : 2 mS, 20 mS.
* Large LCD display, 21.5 mm digit height.
* Automatic temperature compensation.
* Data hold, professional housing case.

CONDUCTIVITY METER
Model : CD-4303
* μ-P circuit, LCD with display unit.
* Max., Min., Memory recall button.
* 200 μS/2 mS/20 mS, ATC, Cell Adj.
* RS232/USB computer interface.
* Size : 180 x 72 x 32 mm. .

CONDUCTIVITY METER,
Real time data logger
Model : YK-2005CD
* High capacity, 16,000 data logger no.
* Real time data logger (record year, month, date, hour, minute, second).
* Range : 200 uS/2 mS/20 mS/200 mS.
* Automatic temp. compensation, ATC factor adj.
* Carbon rod electrode for long life.
* Max., Min., Data hold, zero adjust.
* RS232/USB computer interface.
* Jumbo LCD display.
* DC 1.5V (UM3, AA) x 4 PCs or DC 9V adapter in.
* Size : 203 x 76 x 38 mm.

CD + TDS

CONDUCTIVITY METER
Model : CD-4303HA
* μ-P circuit, LCD with display unit.
* Max., Min., Memory recall button.
* 200uS/2mS/20mS, ATC, Cell adj.
* Size : 185 x 78 x 38 mm.

CONDUCTIVITY/TDS METER
Model : YK-22CT
* Conductivity : 2 mS, 20 mS, 2 ranges.
* TDS : 2,000, 20,000 PPM, 2 ranges.
* Temp. : 0 to 60.0 °C, °C/°F.
* ATC, Hold, Record (Max., Min.).
* RS232/USB computer interface.

CONDUCTIVITY METER,
wide range
Model : CD-4306
* Wide ranges conductivity meter.
* 4 ranges : 200 uS, 2 ms, 20 mS, 200 mS.
* 4 rings conductivity probe
* Data hold.
* RS232/USB computer interface.

YK-2004CD probe YK-2014CD probe

CONDUCTIVITY METER
Model : YK-2004CD
* Range : 200 uS/2 mS/20 mS/200 mS.
* Automatic temp. compensation, ATC factor adj.
* Carbon rod electrode for long life.
* Max., Min., Data hold, zero adjust.
* RS232/USB computer interface.
* Jumbo LCD, unit with dot matrix display.
* DC 1.5V (UM-3, AA) x 4 PCs or DC 9V adapter in.
* Size : 203 x 76 x 38 mm.

Model : YK-2014CD

CONDUCTIVITY METER
Model : PCD-431
* 2 ranges : 2,000 uS, 20 mS.
* Temperature measurement, °C/°F.
* Automatic temperature compensation.
* Probe with the meter, all in one.
* Carbon rode electrode, high reliability.
* Data hold, Record (max., min.).
* IP-67 Water resistance, heavy duty.
* External calibration buttons.
* DC 1.5V battery (UM-4, AAA) x 4.

CONDUCTIVITY METER
Model : CD-4301
* 4 ranges: 200 μS, 2mS, 20mS, 200mS.
* Automatic temperature compensation.

CONDUCTIVITY METER, *pocket*
Model : CD-4302
* 2 ranges : 0 -1.999 mS, 2 -19.99 mS.
* Automatic temperature compensation.

CONDUCTIVITY METER,
ATC, two displays
Model : CD-4322
* 2 ranges : 2 mS, 20 mS.
* Temperature measurement, °C/ °F.
* LCD display, pocket type.
* Automatic temperature compensation.
* 1600 Data logger point.
* Separate probe, easy operation.
* RS232/USB interface, Record.
* DC 9V battery (006P) or DC 9V adapter in.

CONDUCTIVITY METER,
pocket
Model : CD-4312
* Range 1 : 0 - 1.999 mS.
* Range 2 : 2 - 19.99 mS.
* Automatic temperature compensation.
* Data hold.

1.413 mS
Conductivity solution
Model : CD-14

OXYGEN METER
Model : DO-5510
* μ-P circuit, LCD with annunciator.
* Dissolved Oxygen range : 0 to 20.0 mg/L.
* Temp. : 0 to 50 °C, °C/°F.
* Max., Min., Memory recall button.
* DO, Oxygen in air, Temp., ATC, Auto Calibration, % salt, RS232/USB.
* Head diaphragm set & electrolyte included.

OXYGEN METER
Model : DO-5510HA
* μ-P circuit, LCD with display unit.
* Dissolved oxygen range: 0 to 20 mg/L.
* Max., Min., Memory recall button.
* DO, Oxygen in air, Temp., ATC, Auto cal.
* Probe head with diaphragm set and electrolyte are included.

DISSOLVED OXYGEN METER, *all in 1*
Model : PDO-519
* Range : 0 to 20.0 mg/L x 0.1 mg/L.
* Temperature : 0 to 50 °C, °C/°F.
* Automatic temperature compensation.
* Probe with the meter, all in one.
* Polarographic type oxygen electrode, professional.
* Data hold, Record (max., min.).
* IP-67 Water resistance, heavy duty.
* External calibration buttons.
* DC 1.5V battery (UM-4, AAA) x 4.

DO

DISSOLVED OXYGEN METER
Model : YK-22DO
* 0 to 20.0 mg/L.
* Temp. : 0 to 50.0 °C, °C/°F.
* Automatic temperature compensation.
* RS232/USB, Hold, Record (Max., Min.)
* Head diaphragm set & electrolyte included.

DISSOLVED OXYGEN METER, *separate probe*
Model : PDO-520
* Range : 0 to 20.0 mg/L x 0.1 mg/L.
* Temperature : 0 to 50 °C, °C/°F.
* Automatic temperature compensation.
* Separate DO probe easy for remoting operation.
* Polarographic type oxygen electrode, professional.
* Data hold, Record (max., min.).
* External calibration buttons.
* DC 1.5V battery (UM-4, AAA) x 4.

DISSOLVED OXYGEN METER, *two displays*
Model : DO-5519
* Range : 0 to 20 mg/L x 0.1 mg/L.
* Temperature : 0 to 50 °C.
* LCD display, pocket size.
* Automatic temperature compensation.
* 1600 Data logger point.
* Separate probe, easy operation.
* RS232/USB interface, Record (max., min.)
* Power : DC 9V battery or DC 9V adapter in.

DISSOLVED OXYGEN METER, *pocket*
Model : DO-5509
* Range : 0 to 20 mg/L, ATC.
* Head diaphragm set & electrolyte included.

OXEL-03 OXHD-04

DO probe filling electrolyte,
Model : OXEL-03
DO probe head diaphragm set
Model : OXHD-04

ORP, ORP Electrode Negative Water SERIES

ORP METER

Model : ORP-213

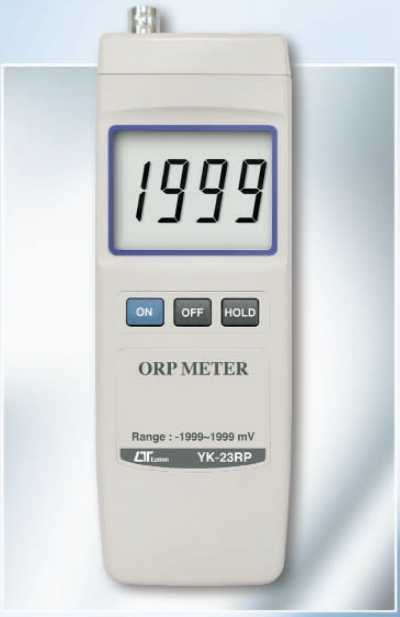
* Range : -1,000 mV to 1,000 mV.
* Professional ORP electrode, ORP-14 is included.
* Separate ORP electrode, easy operation.
* High input impedance.
* Data hold.
* Build in reverse display button.
* IP-65 Water resistance, heavy duty.
* DC 1.5V battery (UM-4, AA) x 4, long life.

NEGATIVE ION WATER TESTER

Akaline ion water tester

Model : NI-214

* For health reason, negative (alkaline) water generator is used in the home and office popularly.
  However seldom peoples know the intensity of negative (alkaline) ions that are contained in the water.
* NI-214 is the useful tester to measure the negative ion value in the water.
* Tester with negative ion (ORP) probe and the carrying case.
* Measurement range : 0 to ±1,999 mV.
* LCD display, data hold.
* DC 9V battery (006P).



ORP ELECTRODE, *professional*

Model : ORP-14

* Professional ORP electrode with high accuracy and extreme reliability.
* Silver-silver/chloride reference gel.
* Epoxy body, BNC connector and 3 meters cable.
* 12.5 mm Dia, x 150 mm length.
* Range : -2,000 to 2,000 mV.
* Optional, to cooperate ORP meter (ORP-203, YK-23RP, PH-207,PH-208, YK-2001PH, PH-221, YK-2005WA), application for water conditioning, aquariums, beverage, fish hatcheries, food processing, photography, laboratory, paper industry, quality control.
* ORP-14 is the standard accessory (included) of NI-214, ORP-213

ORP METER

Model : YK-23RP

* Range : -1999 mV to + 1999 mV.
* Large LCD display, 21.5 mm digit height.
* High input impedance.
* Data hold, professional housing case.

(Optional)

ORP METER

Model : ORP-203

* Range : -1999 mV to + 1999 mV.
* High impedance.
* Pocket size.
* Display : LCD 13 mm digit size.
* Size : 131 x 70 x 25 mm.

SALT METER

Model : PSA-311

* Measurement : 0 to 12.0 % salt (% weight value)
* Automatic temperature compensation.
* Meter build test probe, all in 1, easy operation.
* Hold, Record (max., min.).
* IP-65 Water resistance, heavy duty.
* DC 1.5V battery (UM-4, AAA) x 4.

PURE WATER TESTER

Model : WA-300

* Water conditioning, home, aquariums, food processing, photography, school, laboratory, industry & quality control.
* Check the condition of water filter.
* Measurement : 0 to 1999 μS.

PURE WATER METER

Model : PWA-301

* Water conditioning, aquarium, food processing, photography, school, laboratory, industrial and quality control.
* Check the condition of water filter.
* Measurement : 0 to 1999 uS.
* Meter with the probe, all in 1, easy operation.
* Hold, Record (max., min.).
* IP-67 Water resistance, heavy duty.
* DC 1.5V battery (UM-4, AAA) x 4.

PURE WATER TESTER

Model : YK-30WA

* Water conditioning, home, aquariums, food processing, photography, school, laboratory, industry & quality control.
* Check the condition of water filter.
* Measurement : 0 to 1999 μS.
* 21.5 mm digit height, Data hold.

SALT METER

Model : YK-31SA

* Measurement : 0 ot 10.0% salt (% weight).
* Large LCD display, 21.5 mm digit height.
* Automatic temperature compensation.
* Data hold, professional housing case.
* Aquariums, Water conditioning laboratory, industry & quality control.

FORCE GAUGE, *20 Kg*

Model : FG-5020

* 20 Kg, Kg/LB/Newton.
* Tension or Compression, Peak hold, Zero,
* Positive/ Reverse display.
* 4 digits LCD with back light.
* RS-232/USB computer interface.
* Full line accessories, optional test stand.
* DC 1.5V battery (UM-3, AA) x 6 or DC 9V adapter in.

FORCE GAUGE, *100 Kg*

Model : FG-5100

* 100 Kg, Kg/LB/Newton.
* Tension or Compression, Peak hold, Zero,
* Positive/ Reverse display.
* 4 digits LCD with back light.
* RS-232/USB computer interface.
* Separate sensor, heavy duty.
* DC 1.5V battery (UM-3, AA) x 6 or DC 9V adapter in.

FORCE GAUGE, *5,000 g*

Model : FG-5005

* 5,000 g, g/oz/Newton.
* Tension or Compression, Peak hold, Zero.
* Positive/ Reverse display.
* 4 digits LCD with back light.
* RS-232/USB computer interface.
* Full line accessories, optional test stand.
* DC 1.5V battery (UM-3, AA) x 6 or DC 9V adapter in.

FORCE GAUGE, *5000 g*

Model : FG-5000A

* 5000 g, g/oz/Newton.
* Tension & Compression, Peak hold, Zero, Positive/ Reverse display , 5 digits LCD.
* Full line accessories, optional test stand.
* RS-232 Model : FG-5000A-232.

FORCE GAUGE, *20 kg*

Model : FG-20KG

* 20 kg, kg/LB/Newton.
* Tension & Compression, Peak hold, Zero, Positive/ Reverse display , 5 digits LCD.
* Full line accessories, optional test stand.
* RS-232 Model : FG-20KG-232.

TEST STAND

for FG-5005, FG-5020, FG-5000A, FG-20KG

Model : FS-1001

WEDGE GRIP

Model : WG-01

* Optional accessory for FORCE GAUGE TEST STAND (FS-1001), it is used to hold the tested material.

Torque, CO_2 Turbility SERIES

TORQUE METER, 15 Kg-cm

Model : TQ-8800

* Professional torque meter with separate probe.
* 15 Kg-cm torque sensor included.
* 3 units : 15 Kg-cm/13 LB-inch/ 147.1 N-cm.
* Peak, Data hold, Zero, Max./ Min., Fast/Slow.
* RS232/USB computer interface.
* Size : 180 x 72 x 32 mm. RS-232.

CO_2 METER, + Humidity, Temp.

GCH-2018

* Function : CO_2 (Carbon dioxide) Humidity, Dew point, Temp..
* CO_2 range : 0 to 4,000 ppm.
* CO_2 resolution : 1 ppm.
* CO_2 sensor : NDIR, long term reliability.
* CO_2 repeatability : $\pm$ 20 ppm.
* CO_2 with alarm setting and warning.
* Humidity : 10 to 95 %RH, Temp. : 0 to 50 °C.
* Separate probe, easy operation.
* Record Max, Min value .
* RS232/USB computer interface.
* Power : 1.5 V battery (UM-4/AAA) x 6 PCs or DC 9V adapter in.

GC-2028

* Same function as GCH-2018, but without humidity measurement.

TURBILITY METER

Model : TU-2016

* Range : Auto range, two ranges, 0.00 to 50.00 NTU, 50 to 1,000 NTU.
* Resolution : 0.01 NTU/1 NTU.
* Accuracy : $\pm$ 5 % F.S. or $\pm$ 0.5 NTU, which ever is greater.
* Light source : LED, 850 nm.
* Record Max, Min value
* Power : 1.5 V battery (UM-4/AAA) x 6 PCs.
* 0 NTU and 100 NTU Calibration solution are included.
* Designed to meet ISO 7027.

side view

TORQUE WRENCH, *100 Kg-cm*

Model : TQ-8801

* Professional and Heavy duty torque wrench.
* Range : 100 Kg-cm, 980 Newton-cm.
* Unit : Kg-cm, LB-inch and Newton-cm.
* Peak value measurement.
* Data hold and peak hold.
* High/Low resolution selection.
* Fast/Slow sampling selection.
* Record Max. and Min. reading value.
* RS 232 computer interface.
* Microcomputer circuit, high performance.
* Die casting heavy duty & compact housing case.
* Complete set with the hard carrying case.
* Weight : 605 g (1.33 LB).
* Size : 310 x 51 x 46 mm.

DIGITAL SCALE, ***500 g x 0.1 g***

Model : GM-501

* 500.0 g x 0.1 g, 17.600 oz X 0.005 oz.
* LCD display, Tare, Load cell transducer.
* 6 x 1.5 V UM-3 batteries or AC adapter.
* Cabinet size : 240 x 185 x 50 mm.
* Platform size : 185 x 185 mm.

DIGITAL SCALE, ***500 g x 0.1 g, RS232/USB***

Model : GM-500

* Same function as GM-501 but with RS232/USB computer interface.
* Optional counting sofeware, SCALE-U002.
* RS232/USB computer interface.

DIGITAL SCALE, ***5000 g x 1 g***

Model : GM-5001

* 5000 g x 1 g, 176.00 oz X 0.05 oz.
* LCD display, Tare, Load cell transducer.
* 6 x 1.5 V UM-3 batteries or AC adapter.
* Cabinet size : 240 x 185 x 50 mm.
* Platform size : 185 x 185 mm.

DIGITAL SCALE, ***5000 g x 1 g, RS232/USB***

Model : GM-5000

* Same function as GM-5001 but with RS232/USB computer interface.
* Optional counting sofeware, SCALE-U002.

0.01 g

DIGITAL BALANCE, ***0.01 g. resolution***

Model : GM-300P

* 300 g x 0.01 g, g/oz., high resolution.
* Auto self-calibration, counting function.
* Multi display unit, RS-232/USB.
* 6 x 1.5V UM-3 batteries or AC adapter.
* Platform size : round, 120 mm Dia.

Model : GM-600P, 600 g x 0.02 g

Model : GM-1500P, 1500 g x 0.05 g

100kg, 150 kg

100 kg BENCH SCALE, ***heavy duty***

Model : GB-100KG

* Heavy duty bench platform scale, separate indicator.
* 100 kg x 0.05 kg, 220 lb x 0.1 lb.
* LED display, Load cell transducer.
* 6 x 1.5V UM-3 batteries or AC adapter.
* Platform size : 450 x 340 mm.

150 kg BENCH SCALE, ***heavy duty***

Model : GB-150KG

* 150 kg x 0.1kg, 330 lb x 0.2 lb.

600 g DIGITAL SCALE

Model : GM-600G

* Capacity : 600 g x 0.1 g
* Unit : Gram, OZ, PCs.
* LCD display, automatic back light.
* Platform size : 195 x 150 x 40 mm .
* Cabinet Size : 150 x 145 x 48 mm.
* With counting function, PCs measurement.
* Compact size.
* Battery power : 1.5 V (UM3) x 6 PCs.

3 Kg DIGITAL SCALE

Model : GM-3KG

* Capacity : 3000 g x 1 g.
* Unit : Gram, Pound, PCs.
* LCD display, automatic back light.
* Platform size : 195 x 150 x 40 mm .
* Cabinet Size : 150 x 145 x 48 mm.
* Self calibration with memorize.
* With counting function, PCs measurement.
* Compact size.
* Battery power : 1.5 V (UM3) x 6 PCs.

PANEL METER(DCV), *3 1/2 digits*

Model : DR99DCV

* 199.9 DCmV - 600 DCV, 5 ranges.
* Range can be adjusted by jumper wire.
* 110/220/230 ACV power, 14 mm red LED.
* DIN size : 96 x 48 mm, Depth : 104 mm.

PANEL TACHOMETER

Model : DT-2240D

* 5 to 100,000 RPM (x 0.1 RPM, <1,000 RPM).
* Accuracy : ± (0.05% + 1 d).
* 110/220/230 ACV power, 14 mm red LED.
* DIN size : 96 x 48 mm, Depth : 104 mm.

PROXIMITY SENSOR for DT-2240D

Model : PX-01

PHOTO SENSOR (Photo Interrupter) for DT-2240D

Model : PI-06

PANEL METER(ACV), *3 1/2 digits*

Model : DR99ACV

* 199.9 ACmV - 600 ACV, 5 ranges.
* Range can be adjusted by jumper wire.
* 110/220/230 ACV power, 14 mm red LED.
* DIN size : 96 x 48 mm, Depth : 104 mm.

PANEL METER(Hz)

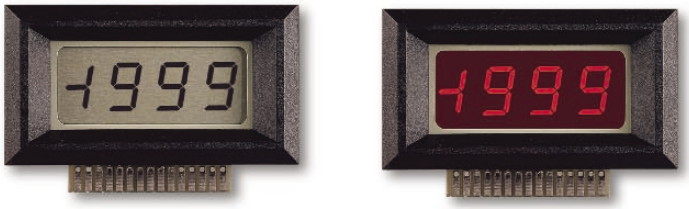
Model : FC-422D

* 0.5 to 500.0 Hz (x 0.01 Hz, <100 Hz).
* Input voltage : 5 to 250 ACV.
* 110/220/230 ACV power, 14 mm red LED.
* DIN size : 96 x 48 mm, Depth : 104 mm.

PANEL METER(DCA), *3 1/2 digits*

Model : DR99DCA

* 199.9 DC μA - 10 DCA, 6 ranges.
* Range can be adjusted by jumper wire.
* 110/220/230 ACV power, 14 mm red LED.
* DIN size : 96 x 48 mm, Depth : 104 mm.

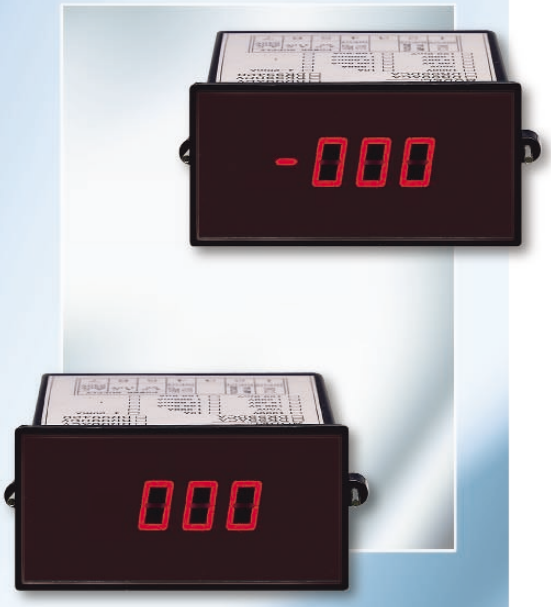


VOLT METER MODULE

Model : DP-30 (LCD)

Model : DP-40 (LED)

* Range : ±199.9 mV, 3 1/2 digits.
* DP-30 : 13 mm LCD, DC 9V Power.
* DP-40 : 13 mm red LED, DC 5V Power.
* Size : 71 x 46 mm, Depth : 21 mm.



PANEL METER(ACA), *3 1/2 digits*

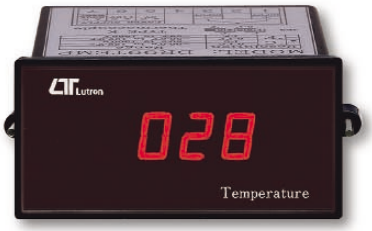
Model : DR99ACA

* 199.9 AC μA to 10 ACA, 6 ranges.
* Range can be adjusted by jumper wire.
* 110/220/230 ACV power, 14 mm red LED.
* DIN size : 96 x 48 mm, Depth : 104 mm.

PANEL METER(4-20 mA), *3 1/2 digits*

Model : DR99420

* 4-20 mA, build "zero VR" & "gain VR", can match most kinds of transducers.
* 110/220/230 ACV power, 14 mm red LED.
* DIN size : 96 x 48 mm, Depth : 104 mm.



PANEL METER (TEMPERATURE)

Model : DR99TEMP

* -50 °C to 1300 °C (x 0.1 °C, < 200 °C).
* Jumper adjustment for °C/°F, 1 /0.1 .
* 110/220/230 ACV power, 14 mm red LED.
* DIN size : 96 x 48 mm, Depth : 104 mm.

4-20 mA Controller/Alarm/Indicator

Model : CT-2002-MA

* Input : 4-20 mA DC, linear.
* User can default the desired display value between -1999 to 9999 (decimal point can be selected to DP1, DP2, DP3) and all the preset data will be saved into the memory circuit permanently.
* When CT-2002-MA cooperate LUTRON's 4 to 20 mA transmitters, whole system will become the high performance Controller/Alarm/Indicator for following measuring functions : Humidity, Light, pH, Dissolved Oxygen, Conductivity, Vibration, Pressure, Sound, Temperature, RPM, Hz, Load cell (Weight, Force), Potential (Angle, Level). ACV, ACA, DCV, DCA, WATT, VAR, Power Factor.
* Control output : 3 points (Com, NO, NC),
* Alarm output : 2 points.
* Power : 90 ACV - 264 ACV, 50/60 Hz.

PX-01
(optional)

PI-06
(optional)

Humidity probe
(included)

RPM CONTROLLER/MONITOR

Model : PDT-2250

* 5 to 100,000 RPM (0.1rpm, <1,000 rpm).
* Control setting, Hi/Lo alarm setting.
* Control relay output, alarm relay output.
* Power : 90 ACV to 264 ACV, 50/60 Hz.
* RS-232/USB computer interface.
* DIN size : 96 x 48 mm. Depth : 107 mm.
* Optional proximity sensor PX-01.
* Optional photo sensor PI-06.

PANEL HUMIDITY/TEMP. METER

Model : PHT-3109

* Humidity : 10 to 95 %RH.
* Temperature : 0 to 60 °C.
* Resolution : 0.1 %RH, 0.1 degree.
* Humidity control setting, Temp. control setting.
* Humidity control relay output, Temp. control relay output.
* Power : 90 ACV to 264 ACV, 50/60 Hz.
* RS-232/USB computer interface.
* DIN size : 96 x 48 mm. Depth : 107 mm.
* Accessory included : Humidity/Temp. probe.

pH electrode, PE-21
(Optional)

RS232 CONTROLLER/MONITOR

Model : PRS-2321

* Cooperate the LUTRON instruments (build in the RS232 interface), the panel meter will show all the measuring value.
* U1 control setting, U2 control setting.
* U1 control relay output, U2 control relay output.
* U1, U2, U3 display.
* Power : 90 ACV to 264 ACV, 50/60 Hz.
* RS-232/USB computer interface.
* Interface cable UPCB-03 is included.
* DIN size : 96 x 48 mm. Depth : 107 mm.

PH CONTROLLER/MONITOR

Model : PPH-2108

* 0 to 14 pH x 0.01 pH.
* ATC (automatic temperature compensation).
* pH control setting, Temp. control setting.
* pH control relay output, Temp. control relay output.
* Power : 90 ACV to 264 ACV, 50/60 Hz.
* RS-232/USB computer interface.
* DIN size : 96 x 48 mm. Depth : 107 mm.
* Optional pH electrodes, ATC probe.

HUMIDITY TRANSMITTER
Model : TR-HUM1A4
* Range : 10 %RH to 95 %RH.
* Output : 4 to 20 mA, DC.
* Power : 90-260 ACV.

2 WIRES HUMIDITY TRANSMITTER
Model : TR-RH2W (refer page 82)

ANEMOMETER TRANSMITTER
Model : TR-AMT1A4
* Range : 30 m/s.
* Output : 4 to 20 mA, DC.
* Power : 90-260 ACV.

LIGHT TRANSMITTER
Model : TR-LXT1A4
* Range : 2,000/20,000/50,000 Lux.
* Output : 4 to 20 mA, DC.
* Power : 90-260 ACV.

pH TRANSMITTER PE-21(optional)
Model : TR-PHT1A4
* Range : 0 to 14 pH.
* Output : 4 to 20 mA, DC.
* Power : 90-260 ACV.

DISSOLVED OXYGEN TRANSMITTER
Model : TR-DOT1A4
* Range : 0 to 20 mg/L.
* Output : 4 to 20 mA, DC.
* Power : 90-260 ACV.

CONDUCTIVITY TRANSMITTER
Model : TR-CDT1A4
* Range : 200 uS/2 mS/20 mS.
* Output : 4 to 20 mA, DC.
* Power : 90-260 ACV.

VIBRATION TRANSMITTER
Model : TR-VBT1A4
* Range : 200 m/s^2, 200 mm/s.
* Output : 4 to 20 mA, DC.
* Power : 90-260 ACV.

SOUND TRANSMITTER
Model : TR-SLT1A4
* Range : 30 to 130 dB, 3 ranges.
* Output : 4 to 20 mA, DC.
* Power : 90-260 ACV.

PX-01
(optional)

RPM TRANSMITTER
Model : TR-RPM1A4
* Range : 2,000/20,000 RPM.
* Output : 4 to 20 mA, DC.
* Power : 90-260 ACV.

TEMP. (Type K) TRANSMITTER

Model : TR-TMK1A4

* Range : 0 to 500 °C.
* Output : 4 to 20 mA, DC.
* Power : 90-260 ACV.

TEMP. (Pt 100 ohm) TRANSMITTER

Model : TR-TMP1A4

* Range : -100 to 400 °C.
* Output : 4 to 20 mA, DC.
* Power : 90-260 ACV.

FREQUENCY TRANSMITTER

Model : TR-HZT1A4

* Range : 45 to 65 Hz.
* Output : 4 to 20 mA, DC.
* Power : 90-260 ACV.

ACV TRANSMITTER

Model : TR-ACV1A4

* Range : 150/300 ACV, isolated.
* Output : 4 to 20 mA, DC.
* Power : 90-260 ACV.

ACA TRANSMITTER

Model : TR-ACA1A4

* Range : 1A/5 A, isolated.
* Output : 4 to 20 mA, DC.
* Power : 90-260 ACV.

DCV TRANSMITTER

Model : TR-DCV1A4-xxV

* Range : 200 mV, 2V, 20V, 200 V, isolated.
* Output : 4 to 20 mA, DC.
* Clamp adapter included.
* Power : 90-260 ACV.

DCA TRANSMITTER

Model : TR-DCA1A4-xxA

* Range : 200 uA, 2 mA, 20 mA,
  200 mA, 2 A, 5 A , isolated.
* Output : 4 to 20 mA, DC.
* Power : 90-260 ACV.

(optional)

2000A DC/AC CLAMP TRANSMITTER

Model : TR-CLP1A4

* Range : 200/2,000 A, DC/AC.
* Output : 4 to 20 mA, DC.
* Clamp probe is included.
* Power : 90-260 ACV.

Transmitter SERIES
2 Wires Transmitter

POTENTIAL TRANSMITTER

Model : TR-PTT1A4

* 200 to 50 Kohm, exciting DC9V.
* Output : 4 to 20 mA, DC.
* Power : 90-260 ACV.

(Optional)

LOAD CELL TRANSMITTER

Model : TR-LDT1A4

* 1 to 2 mV/V, exciting DC 4V to 12V.
* Output : 4 to 20 mA, DC.
* Power : 90-260 ACV.

TRANSMITTER main body

Connecting with Wires socket (included).

2 WIRES PRESSURE TRANSMITTER

Model : TR-PS2W-xxBAR

* Range : 2, 5, 10, 20, 50, 100, 400 BAR.
* Output : 4 to 20 mA DC.
  4 mA = 0 pressure
  20 mA = full scale pressure
* 2 wires, both for signal and power supply.
* Precision ceramic type pressure sensor.
* External zero and span adjustment.
* Output with socket, easy replacement.
* Allow high cable load resistance, transmitter can install far away from the controller/incator.
* Protection for the reverse wires connecting.
* TR-PS2W can cooperate the " 4-20 mA Controller/Alarm/Indicator " CT-2002-MA, then become a pressure controller and the indicating system. The user can control and monitor the pressure value from far away.

CT-2002-MA (Pressure)

2 WIRES HUMIDITY TRANSMITTER

Model : TR-RH2W

* Range : 10 %RH to 95 %RH.
* Output : 4 to 20 mA DC.
  5.6 mA = 10 %RH, 12 mA = 50 %RH
  16 mA = 75 %RH, 19 mA = 95 %RH
* 2 wires, both for signal and power supply.
* Precision capacitance type humidity sensor.
* External zero and span adjustment.
* Allow high cable load resistance, transmitter can install far away from the controller/incator.
* Protection for the reverse wires connecting.
* TR-RH2W can cooperate the " 4-20 mA Controller/Alarm/Indicator " CT-2002-MA, then become a humidity controller and the indicating system. The user can control and monitor the humidity value from far away.

CT-2002-MA (Humidity)

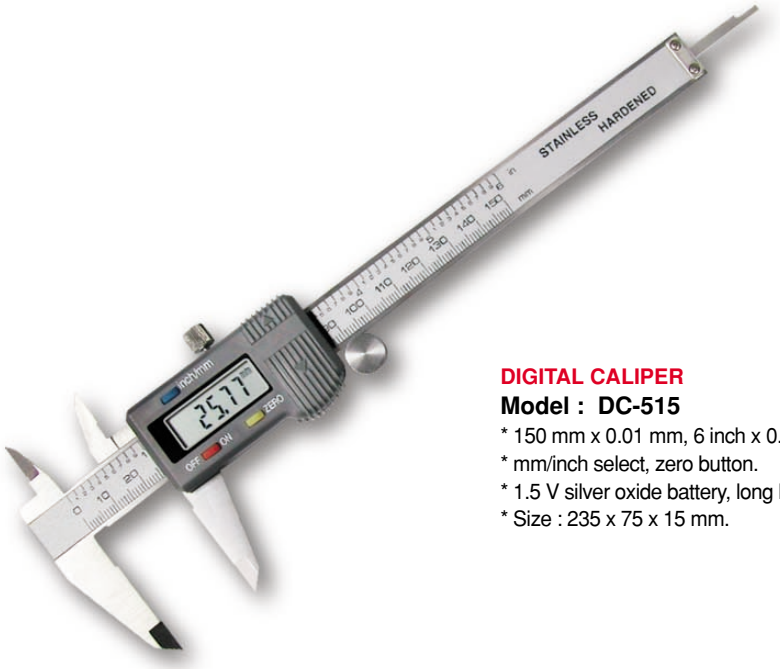
Caliper
Micrometer
Real Time Data Logger
Pressure Transducer

SERIES

DATA LOGGER, *real time, paper less recorder*

Model : DL-9601A

* Available for the LUTRON instruments (build in the RS232 interface), it can store 8000 measurement data along with time information.
* Sampling time preset from 1 second to 8 hours.
* Auto or manual data logger.
* Save data with real time (year, month, date, hour, minute, second).
* LCD display.
* DC 1.5V battery (UM-3 , AA) x 4 or DC 9V adapter in.



DIGITAL CALIPER

Model : DC-515

* 150 mm x 0.01 mm, 6 inch x 0.0005".
* mm/inch select, zero button.
* 1.5 V silver oxide battery, long life.
* Size : 235 x 75 x 15 mm.

PRESSURE TRANSDUCER, *4 to 20 mA*

Model : PS93MA-xxBAR

* 6 models : 2/5/10/20/50/100/400 bar.
* Zero pressure - 4 mA, Full scale - 20mA.
* Power supply : DC 9V to 30V.
* 4 wires : 2 wires for power, two wires for signal.

PRESSURE TRANSDUCER, *0 to DC 100mV*

Model : PS93DV-xxBAR

* 6 models : 2/5/10/20/50/100/400 bar.
* Zero pressure - 0 DCV, Full scale - 100 mV.
* Power supply : DC 9V to 30V.
* 4 wires : 2 wires for power, two wires for signal.

DIGITAL MICROMETER

Model : DC-516

* 25 mm x 0.001 mm, 1 inch x 0.00005".
* Accuracy : 0.002 mm.
* mm/inch select, zero button.
* 1.5 V silver oxide battery, long life.
* Size : 156 x 56 x 22 mm.

To 8 channels
RS232 input

GSM CONTROLLER, *900/1800 MHZ*

Model : GSM-889

* Control/Alarm/Monitor via GSM mobile phone, with no distance limitation.
* 8 channels RS232 input, 8 relay outputs, 8 switch inputs.
* 8 channels RS232 input can cooperate full line LUTRON instruments (build RS232 output), it will display the real value with the measuring unit on mobile phone.
* Analog channel Hi/Lo alarm warning setting.
* Interface cable (meter to GM-889), Model : GMCB-89.
* Application : Intelligent , innovation, wide range,no limitation.
* 3 band (850/1800/1900 MHz) for American market, Model : GSM-889-3B.

LUTRON instruments
with RS232 output

GMCB-89

GSM-889

INTERFACE CABLE

Model : GMCB-89

* The interface cable that connect the LUTRON RS232 instrument to the GSM controller GSM-889.

GSM Controller SERIES

GSM CONTROL SYSTEM

Model : GSM-888

* Control/Alarm/Monitor via GSM mobile phone, with no distance limitation.
* 8 channels A/D (4 -20 mA), 8 relay outputs, 8 switch inputs.
* 8 channels A/D , can cooperate full line industrial 4-20 mA transmitters and display the real value and the display unit on mobile phone.
* Analog channel alarm warning setting.
* It can default two telephone no to send warning SMS.
* Features : Intelligent , innovation, wide range, control with no distance limitation.
* 3 band (850/1800/1900 MHz) for American market, Model : GSM-888-3B.

GSM CONTROL SYSTEM

Model : GSM-840

* Control/Alarm via GSM mobile phone, with no distance limitation.
* 8 switch inputs, 4 relay outputs.
* GSM mobile phone can control the relay output and sensing the input switch's status with alarm.
* It can default two telephone no to send warning SMS.
* Features : Intelligent , innovation, wide range, control with no distance limitation.
* 3 band (850/1800/1900 MHz) for American market, Model : GSM-840-3B.

DS-121

WB-122

GSM HOME SECURITY SYSTEM

Model : GSM-120

* Whole system include two " Wireless detect switch " (DS-121, included), user can install the DS-121 easily on the door or window, when the thief interrupt the house, the buzzer will sound and send the SMS warning message to mobile phone.
* If need more doors (windows) to install the detecting switches, the DS-121 is optional accessory.
* Build one control relay output, user can control the home electrical appliance via mobile phone.
* It can default two telephone to send warning SMS.
* Application : Intelligent , innovation, no distance home/office/factory security system.

WIRELESS DETECT SWITCH

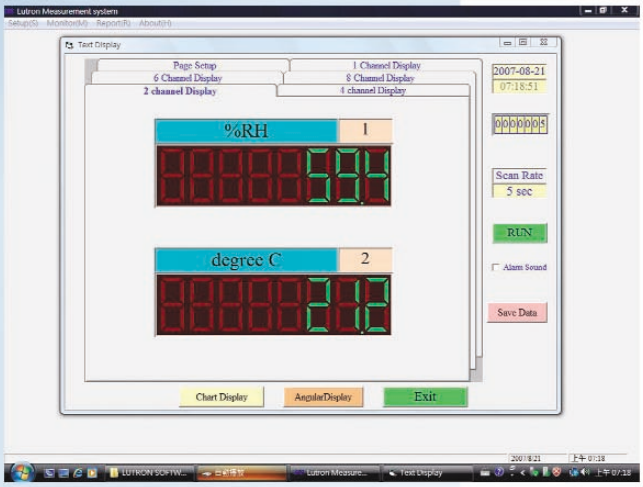
Model : DS-121

* DS-121 is the standard accessory and the optional accessory of GSM-120.
* Two wireless detect switches (DS-121) are included in each set of GSM-120.
* User can install the DS-121 on the door or window easily. When the thief interrupt the house, buzzer will sound and send the SMS alarm message to the mobile.

WIRELESS BUZZER

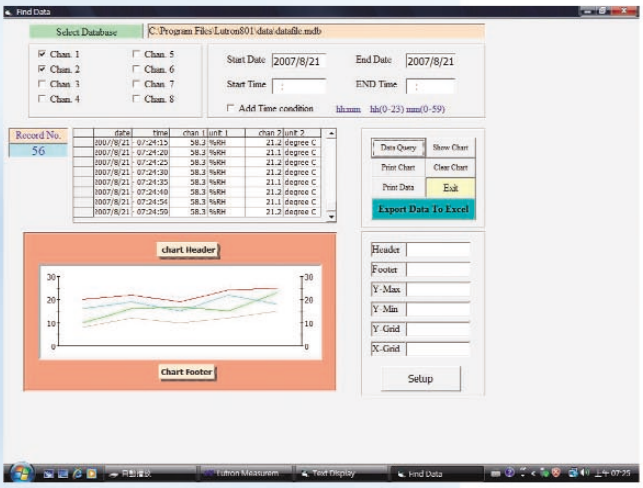
Model : WB-122

* Whole set combine one transmitter and the buzzer with receiver.
* WB-122 can make the replacement for the wire's buzzer (accessory of GSM-120), user can hide the main system of GM-120 and only present the WB-122 in the obviously place, then the thief will not find the main system of GSM-120.

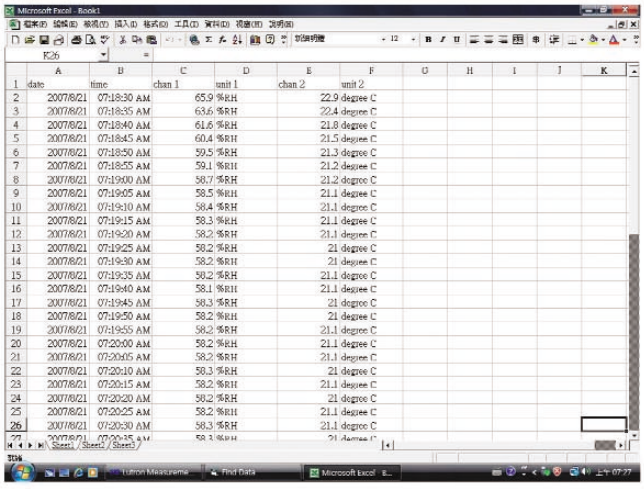


* Text display

* Analog display



* Data query, Print chart, Print data



* Data recorde file can convert to Excel file

If the computer connect with two USB cable (USB-01) or more, and run the software two times, it can read two (or more) meters' measurement value at the same time.

DATA ACQUISITION SOFTWARE

Model : SW-U801-WIN

* The multi-displays (1/2/4/6/8 displays) powerful Windows program available for WIN 98, XP, Vista which enables you to cooperate the LUTRON's RS232 instruments. It also provides the functions of data logging system, text display, angular display, chart display, data recorder high/low limit, data query, text report, chart report.. Data file can convert to Excel file, wide intelligent applications.
* Sampling time can set from 1 to 3,600 seconds.
* If SW-U801-WIN cooperate with the RSC-801, then the software can monitor the 8 meters (max.) with the 8 channels' display.

8 METERS DATA ACQUISITION SOFTWARE

Model : SW-808

* The multi-instruments and multi-displays (1/2/4/6/8 displays) powerful Windows program available for WIN 98, XP, Vista which enables you to cooperate the LUTRON's RS232 instruments (max. 8 meters). It provides the functions of data logging system (max. 65,000 data), high/low warning, data query, Data file can convert to Excel file, wide intelligent applications.
* Sampling time can set from 1 to 3,600 seconds.

8 to 1 RS232 CONVERTER

Model : RSC-801

* It can connect the LUTRON's RS232 instruments (max. 8 meters), then convert all meters' RS232 signal to one RS232 output.
* It is the useful tool, when apply the software SW-U801-WIN, SW-808, SW-818 (internet/intranet software) can expand the system and accept more meters input.
* The interface cable between the meter and the RSC-801 is the GMCB-89.

LUTRON instruments with RS232 output

RSC-801 or GSM-889

INTERFACE CABLE :

Model : GMCB-89

* The interface cable that connect the LUTRON RS232 instrument to the GSM controller GSM-889.
* The interface cable that connect the LUTRON RS232 instrument to the RS232 converter RSC-801.

Black Body, Power Adaper Interface Cable, Test Lead Alligator clips

SERIES

BLACK BODY

Model : BB-400

* Black body, calibrator for the infrared thermometer.
* Temp. setting range : 33 °C (room Temp.) to 400 °C.
* Temp. setting resolution : 0.1 °C.
* Accuracy : ± (1% + 1 °C).
* Emissivity : 0.94.
* Sensing size : round, 120 mm dia.
* Power supply : 110 ACV or 220 ACV.
* Weight : approx. 12 Kg .
* Dimension (HWD) : 190 x 400 x 335 mm.

AP-9VA

AP-9VB

AP-GTU

AP-GTE

DC 9V POWER ADAPTER

Model : AP-9VA

* Input voltage : 100 to 240 ACV, 50/60 Hz.
* Output voltage : Regulation DC 9V/1 Amp. rating max.
* Output plug : round 2.5 mm dia. plug.

DC 9V POWER ADAPTER

Model : AP-9VB

* Input voltage : 100 to 240 ACV,50/60 Hz.
* Output voltage : Regulation DC 9V/1 Amp. rating max.
* Output plug : 006p battery snap.

PLUG CONVERTER

Model : AP-GTU

* Convert the input plug of AP-9VA, AP-9VB from the Germany type to USA type.

PLUG CONVERTER

Model : AP-GTE

* Convert the input plug of AP-9VA, AP-9VB from the Germany type to UK (England) type.

USB-01

UPCB-01

UPCB-02

AL-05

TL-88

HEAVY DUTY ALLIGATORS

Model : AL-05

* Heavy duty alligators.
* CATII-1000V approval, black & red suitable for banana plug and wire direct connection.

HEAVY DUTY TEST LEAD

Model : TL-88

* CATIII-1000V approval.
* High quality test lead with silicon rubber.

RS232 CABLE

Model : USB-01

* The computer interface cable, one side is the ear phone plug that connect to the meter's RS232 output, the other side is the USB plug that to connect the computer's USB terminal.
* Ship along with the driver software.
* Available for all the LUTRON instruments (build in the RS232 interface) , then the meter will have the USB interface.

RS232 CABLE

Model : UPCB-01, UPCB-02

* The computer interface cable, one side is the ear phone plug that connect to the meter's RS232 output, the other side is the D9 plug that to connect the computer's COM terminal.
* UPCB-01 is the direct interface cable.
* UPCB-02 is the isolated (photo couple) interface cable.
* Available for all the LUTRON instruments (build in the RS232 interface)

5 in 1 METER

Model : LM-8102

* Sound level meter : 30 to 130 dB, auto range.
* Humidity : 10 to 95 %RH, Temp.. (°C/°F).
* Anemometer : 0.4 to 30 m/s, Temp.. (°C/°F).
* Light : 0 to 20,000 Lux, 0 to 1,660 Ft-cd, auto range.
* Type K Thermometer : -100 to 1300 °C, °C/°F.
* Sound level meter meet IEC 61672 TYPE 2.
* Data hold, Record (Max., Min.), RS232/USB.
* 5 function, all in one.

4 in 1 METER

Model : LM-8100

* Humidity : 10 to 95 %RH, Temp.. (°C/°F).
* Anemometer : 0.4 to 30 m/s, Temp.. (°C/°F).
* Light : 0 to 20,000 Lux, 0 to 1,660 Ft-cd, auto range.
* Type K Thermometer : -100 to 1300 °C, °C/°F.
* Data hold, Record (Max., Min.), RS232/USB.
* Optional sound adapter, SL-408.

Green Power

GREEN SOUND LEVEL METER, *hybrid power*

Model : SL-4113G

* Power supply from generator (battery is no need) or DC 9V battery.
* Meet IEC61672 class 2
* 30 to 130 dB, auto range.
* A/C weighting, fast/slow time weighting, Peak hold, Data hold, Record, RS232/USB.

Green Power

GREEN pH METER, *hybrid power*

Model : PH-209G

* Power supply from generator (battery is no need) or DC 9V battery.
* pH : 0 to 14.00 pH, mV : ± 1,000 mV.
* ATC or Manual temperature compensation.
* Auto calibration, Data hold, Record, RS232/USB.

Green Power

GREEN 4 in 1 METER, *hybrid power*

Model : LM-8020G

* Power supply from generator (battery is no need) or DC 9V battery.
* 4 in 1 : Humidity, Anemometer, Light, Type K Thermometer, separate anemometer probe.
* Data hold, Record (Max., Min.), RS232/USB.

Green Power

GREEN POWER MULTIMETER, *no battery*

Model : DM-9981G

* No battery, power supply from the generator.
* CATIII-600 V, 4000 counts, auto/manual range.
* ACV, ACA, DCV, DCA, ohms, continuity, Hz, Capacitance, Diode, Data hold.

Smart

SMART CLAMP METER

Model : CM-9941

* Smart operation, 3 intelligent function : A, V, Ω.
* V : ACV, DCV measurement automatically.
  Ω: Ohm, Diode, Continuity, Cap. automatically.
  A : ACA (600A, 400A).
* Frequency measurement.
* 4,000 counts, 30 mm conductor size.

CO_2 METER, *+ Humidity, Temperature.*

GCH-2018

* CO_2 range : 0 to 4,000 ppm.
* CO_2 sensor : NDIR, long term reliability.
* CO_2 with alarm setting.
* Function : CO_2 (Carbon dioxide) Humidity, Dew point, Temperature.
* Data hold, Record (Max., Min.).
* RS232/USB computer interface .

CO_2 METER, *Temperature.*

GC-2028

* CO_2 range : 0 to 4,000 ppm.
* CO_2 sensor : NDIR, long term reliability.
* CO_2 with alarm setting.
* Function : CO_2 (Carbon dioxide) Dew point, Temperature.
* Data hold, Record (Max., Min.).
* RS232/USB computer interface .

3 Axis RF Electromagnetic Field Meter,
100 KHz to 3 GHz, 2 probes, professional

Model : EMF-839

* 3 Axis RF electromagnetic field tester.
* Frequency range : 100 KHz to 3 GHz.
* Unit : V/m, W/m^2, mW/cm^2.
* Measuring range : 0 to 199.99 V/m,
* One set with two probes, EP-03H and EP-04L.
* Real time 16,000 no. data logger, Data hold, Peak hold, Record (Max., Min. value), Alarm value setting, RS232/USB interface.

3 Axis RF Electromagnetic Field Meter,
100 MHz to 3 GHz, one probe, general purpose

Model : EMF-819

* 3 Axis RF EMF tester, general purpose application.
* Frequency range : 50 MHz to 3 GHz.
* Unit : V/m, W/m^2, mW/cm^2.
* One set with one probe, EP-05H.
* Data hold, Peak hold. Record (Max., Min.value), Alarm value setting, RS232/USB interface.

CO METER

Model : GCO-2008

* CO (Carbon monooxide), Temperature.
* CO range : 0 to 1,000 ppm.
* Temperature. : 0 to 50 °C, °C/°F.
* CO response time : 30 second.
* Data hold Record (Max., Min.).
* RS232/USB computer interface.
* 1.5 V battery (UM-4/AAA) x 6 PCs or DC 9V adapter in.

Precision AC/DC Magnetic Meter

PRECISION MILLI GAUSS METER

Model : GU-3001

* Measurement : mG (milli Gauss), uT (micro Tesla)
* Range : - 3,000 mG to 3,000 mG, DC/AC
  - 300.0 uT to 300.0 uT, DC/AC
* Resolution : 1 mG/0.1 uT.
* Sensor : High sensitivity gauss sensor.
* Data hold. Record (Max, Min), RS232/USB.
* 1.5 V battery (UM-4/AAA) x 6 PCs or DC 9V adapter.

UV LIGHT METER
Model : YK-35UV
* Spectrum : 290 nm to 390 nm
* UVA & UVB measurement.
* Calibration is under UVA.
* 2 ranges :
  2 mW/cm^2 x 0.001 mW/cm^2.
  20 mW/cm^2 x 0.01 mW/cm^2.
* Data hold, Record (Max., Min.).
* RS232/USB computer interface.

ELECTRODE HOLDER
Model : EH-20
* Electrod holder for all LUTRON pH electrode and the ATC temperature probe.

UV LIGHT METER, *pocket*
Model : UV-340A
* Spectrum : 290 nm -390 nm.
* Application :
  UVA & UVB measurement.
* 2 ranges :
  1999 μW/cm^2 x 1 μW/cm^2.
  19990 μW/cm^2 x 10 μW/cm^2.
* Pocket size.
* Microprocessor circuit.
* Seperate probe easy operation.

PEN UV LIGHT METER
Model : PUV-360
* Spectrum : 290 nm to 390 nm
* UVA & UVB measurement.
* Calibration is under UVA.
* 2 ranges :
  2 mW/cm^2 x 0.001 mW/cm^2.
  20 mW/cm^2 x 0.01 mW/cm^2.
* Data hold, Record
  (Max., Min.).
* DC 1.5 V BATTERY
  (UM-4, AAA) x 4 PCs.

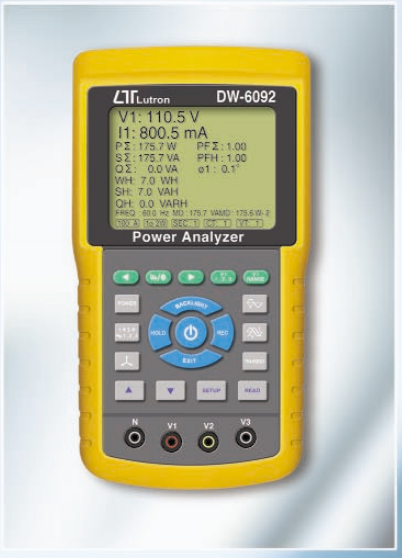
TURBIDITY METER
Model : TU-2016
* Range : Auto range, two ranges,
  0.00 to 50.00 NTU, 50 to 1,000 NTU.
* Resolution : 0.01 NTU/1 NTU.
* Light source : LED, 850 nm.
* Record Max., Min. value.
* Power : 1.5 V battery (UM-4/AAA) x 6 PCs.
* 0 NTU and 100 NTU Calibration solution are included.
* Designed to meet ISO 7027.

PEN VIBRATION METER
Model : PVB-820
* Function : Acceleration, Velocity.
* Acceleration : 200 m/s^2, 20.00 G.
* Velocity : 200 mm/s, 20.00 cm/s.
* Frequency : 10 Hz to 1 KHz.
* Meet ISO2954, Data hold, Memory (Max., Min.).
* DC 1.5 V BATTERY (UM-4, AAA) x 4 PCs.

Free and Total
CHLORINE METER
Model : CL-2006
* Free chlorine, total Chlorine measurement.
* Range : 0 to 3.5 mg/L (ppm).
* Range : Auto range.
* Measuring principal : Photo meter method.
* Light source : LED, 525 nm.
* Record Max, Min. value.
* 10 PCs Free and Total powder DPD are included.
* Free and total 1.0 mg/L standard solution are the standard accessories.
* Power : 1.5 V battery (UM-4/AAA) x 6 PCs.
* The measuring method is an adaptation of the USEPA Method 330.5 and Standard Method 4500-Cl G.

HIGH PRECISION MILLIOHM METER
Model : MO-2013

* Professional bench type milliohm meter.
* 20 m /200 m /2 /20 /200 /2 K /20 K ohm.
* 20,000 counts, Jumbo LCD with back light.
* Hi / Lo warning, 4 wires terminals, Kelvin clips is included, 0.001 milliohm resolution.
* Judgement output : Low/Good/High port, used for the automatic machine to select the components (good or no good).
* Power : AC 110V or AC 220 V/AC230 V.



SD card real time data logger
3 PHASE POWER ANALYZER
Model : DW-6092

* 3 phase/4 wire, 3 phase/3 wire, 1 phase/2 wire, 1 phase/3 wire
* True rms measurement for ACA, ACV.
* True power : W, KW, MW.
* VA, KVA, MVA, VAR, KVAR, MVAR.
* PF (power factor), phase angle.
* KWH, KVAH, KVARH, PFH.
* ACA : 0.1 A to 2,000 A, ACV : 10.0 to 600.0 V.
* Real time data logger with SD card.
* RS232/USB computer interface.
* Display all measuring electrical wave shape.

STROBOSCOPE
digital synthesis, high intensity light
Model : DT-2349

* Digital synthesis circuit, high stability and easy adjustment.
* Range : 60 to 32,000 RPM.
* Adjustment resolution : 0.1 RPM/1 RPM.
* High intensity light.
* DCV power supply via external AC/DC adapter or can be used the optional recharge batteries.
* Setting button : digital rotate button, X 2 button, ÷ 2 button, + button, - button, easy to adjust the desired RPM.

MICRO WAVE LEAKAGE DETECTOR
Model : EMF-810

* Operating freq. range : 2.45 GHz ± 50 MHz.
* Measurement range : 0 to 1.999 mW/cm.^{2}
* Peak hold, Alarm Setting.
* Application for measuring the EMF value of micro-wave frequency precisely.
* Useful equipment to detect the leakage of micro wave oven.

8 to 1 RS232 CONVERTER
Model : RSC-801

* It can connect the LUTRON's RS232 instruments (max. 8 meters), then convert 8 meters' RS232 signal to one RS232/USB output.
* Useful tool, when apply the software SW-U801, SW-808..., can expand the system and accept more meters input.
* The interface cable between the meter and the RSC-801 is the GMCB-89, refer to page 88.

1,000 °C INFRARED THERMOMETER
Model : TM-969

* 1,000 °C none contact infrared Temp. measurement with type K thermometer.
* Dual laser, D/S ratio value : 50/1.
* Emissivity value adjust from 0.1 to 1.00.
* Back light LCD, Min., Max., Differential, Average, Lock mode, Last measurement memory, Hi/Lo temperature audio alarm.

BENCH
PH/ORP, DO, CD/TDS METER
Model : WA-2015

* Bench meter for multi purpose operation : PH/ORP, DO, CD/TDS Measurement.
* pH : 0 to 14.00 pH, ORP : 1999 mV.
* Conductivity : 200 uS/2 mS/20 mS/200 mS.
* Dissolved oxygen : 0 to 20.0 mg/L.
* ATC (automatic temperature compensation).
* Real time 16,000 no. data logger.
* Data hold, Record (Max., Min.), RS232
* Optional electrode : pH, ORP, CD, DO ATC electrode, ATC probe.
* DC 1.5V (UM-3, AA) x 4 or DC 9V adapter in.

HUMIDITY CONTENT PROBE
Model : MS-71P

* Stainless body, heavy duty humidity content probe.
* Optional probe for LUTRON humidity meter.
* Range : 10 to 95%RH.
* 10 mm Dia. x 600 mm length.

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