

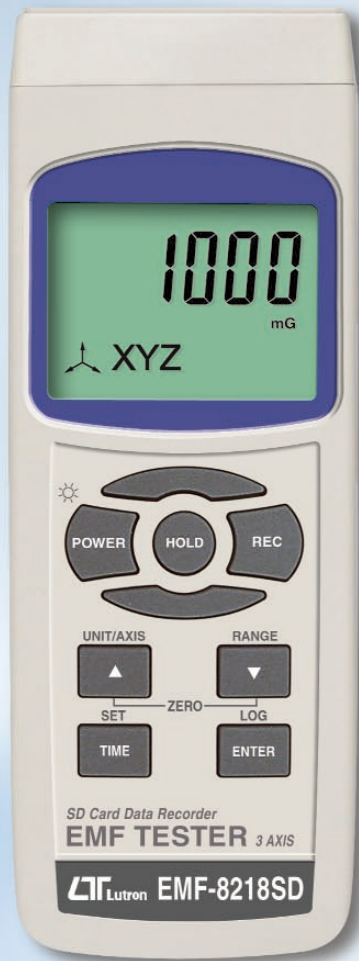


THE ART OF MEASUREMENT THE ART OF MEASUREMENT THE ART OF MEASUREMENT



FULL LINE

3 axis EMF tester SERIES
4 rings conductivity meter
SD card data recorder



SD Card real time data recorder
3 axis EMF TESTER

Model : EMF-8218SD

- * Each axis (X, Y, Z direction) electromagnetic field measurement.
- * Sum of XYZ electromagnetic field measurement.
- * Real time data logger, save the data into the SD memory card and can be downloaded to the Excel, extra software is no need.
- * Ranges : 20/200/2,000 micro Tesla.
200/2,000/20,000 milli-Gause.
- * Bandwidth : 30 Hz to 300 Hz.
- * Heavy duty separate probe.
- * Data hold, Record (Max., Min.).
- * LCD Display with backlight, easy reading.
- * RS232/USB computer interface.
- * Hard carrying case is included.

SD Card real time data recorder
4 rings probe . + TDS. Salt
CONDUCTIVITY METER

Model : CD-4316SD

- * 4 rings conductivity probe, high performance.
- * Real time data logger, save the data into the SD memory card and can be downloaded to the Excel, extra software is no need.
- * Conductivity, TDS, Salt measurement.
- * Conductivity : 200 uS/2 mS/20 mS/ 200 mS.
- * Salt : 0 to 12 % salt (% weight).
- * Automatic temp. compensation.
- * It can select the Temp. Coefficient of measurement solution.
- * Data hold, Record (Max., Min.), zero adjust.
- * RS232/USB computer interface.
- * Hard carrying case is included.
- * LCD Display with backlight, easy reading.

%RH/O₂/CO₂, one probe
Integrating sound level
SD card data recorder



SD Card real time data recorder
INTEGRATING SOUND LEVEL METER class 1
Model : SL-4036SD

- * Real time recorder, save the data into the SD memory card and can be downloaded to the Excel, extra software is no need.
- * Frequency and Time weighting are designed to meet IEC 61672 class 1, IEC 60804 type 1, ANSI S 1.43 type 1.
- * Measuring modes : SPL, Leq.
- * Auto range : 30 - 130 dB.
- * Two Manual range : 30 - 80 dB, 80 - 130 dB.
- * A / C frequency weighting.
- * Fast / Slow Time weighting.
- * Dot matrix LCD with backlight.
- * RS232/USB PC COMPUTER interface.
- * Optional windshield ball, SB-01.
- * Power by UM3/AA (1.5 V) x 6 batteries or DC 9V adapter.
- * SD card capacity : 1 GB to 16 GB.
- * Optional acquisition softwares, SW-U801-WIN, SW-E802, SW-E816.
- * Microcomputer circuit, high accuracy.
- * Patented.

SD Card real time data recorder
CO₂, O₂, Humidity, Temp., one probe
AIR QUALITY METER
Model : AQ-9918SD

- * Real time recorder, save the data into the SD memory card and can be downloaded to the Excel, extra software is no need.
- * Air quality measurement, multi-function and only use one probe to cover the whole measurement : CO₂ (Carbon dioxide), O₂ (Oxygen), Humidity, Temp..
- * Can show and record multi-probe's input measuring data on the same LCD display at same time.
- * CO₂ range : 0 to 10,000 ppm x 1 ppm.
- * O₂ range : 0 to 30.0 % x 0.1 %.
- * Humidity range : 5 to 95 %RH.
- * Dew point range : -25.3 to 48.9 °C, °C/°F.
- * Temperature range : 0 to 50 °C, °C/°F.
- * CO₂ sensor : NDIR long term reliability.
- * O₂ sensor : Galvanic cell type .
- * Humidity sensor : Precision capacitance sensor.
- * Sampling time for data recorder is 0 to 3600 seconds.
- * Complete set with one multi-function probe.
- * SD card capacity : 1 GB to 16 GB.
- * TFT color LCD, easy reading.
- * Optional acquisition softwares, SW-U801-WIN, SW-E802, SW-E816.
- * Power by UM3/AA (1.5 V) x 6 batteries or DC 9V adapter.

Environment SERIES Multi-functions, color display SD card data recorder



Anemometer Probe



Humidity probe



Light probe



Type K Temp. probe (included): TP-01.

Optional type K Temp. probe : TP-02A, TP-03, TP-04, TP-05.



SD Card real time data recorder

%RH, Light, Anemometer Temp., all in one ENVIRONMENT METER

Model : EMC-9400SD

- * Real time recorder, save the data into the SD memory card and can be downloaded to the Excel, extra software is no need.
- * One meter for multi-purpose operation : Humidity meter, Light meter, Anemometer, Type K/J thermometer.
- * Can show and record multi-probe's input measuring data on the same LCD display at same time.
- * Humidity : 0 to 95 %RH, 0 to 50 °C.
- * Light meter : 0 to 20,000 Lux.
- * Anemometer : 0.4 to 25 m/s.
- * Type K thermometer : -100 to 1300 °C.
- * Type J thermometer : -100 to 1200 °C.
- * Temp. display unit default to °C or °F.
- * Data hold, record max. and min. reading.
- * RS232/USB PC computer interface.

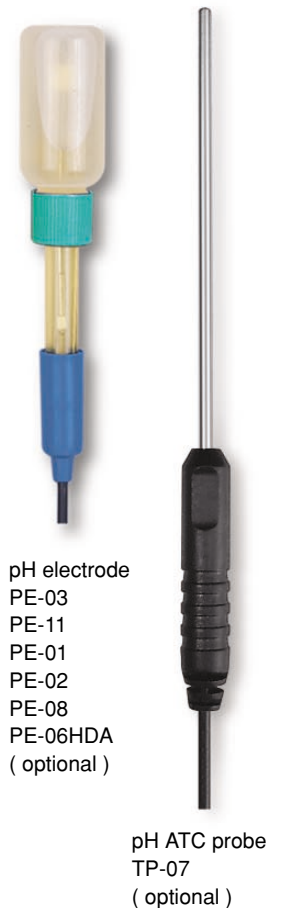
- * Complete set with each Anemometer probe, Light probe, Humidity probe, Type K Temp. probe TP-01.
- * Optional Type K Temp. probe : TP-02A, TP-03, TP-04, TP-05.
- * 2.4" TFT LCD Display easy reading.
- * Meter can default auto power off or manual power off.
- * Separate probe, easy operation and convenient for remote measurement.
- * Can default auto power off or manual power off.
- * SD card capacity : 1 GB to 16 GB.
- * Optional acquisition softwares, SW-U801-WIN, SW-E802, SW-E816.
- * Microcomputer circuit, high accuracy.
- * Power by UM3/AA (1.5 V) x 6 batteries or DC 9V adapter.
- * Available for the HVAC Applications and Environment measurement.

Water quality SERIES
Multi-functions, color display
SD card data recorder

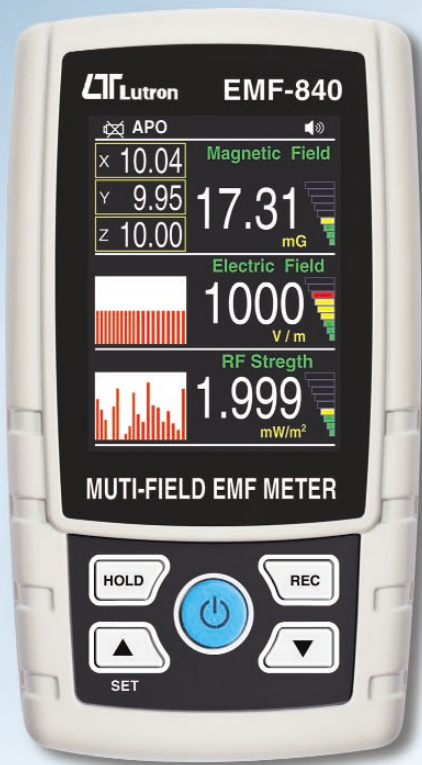


SD Card real time data recorder
pH/ORP, DO, CD, TDS, Salt, all in one
Model : WAC-2019SD

- * Real time recorder, save the data into the SD memory card and can be downloaded to the Excel, extra software is no need.
- * One meter for multi purpose operation : pH/ORP, CD/TDS, Dissolved Oxygen, Salt measurement.
- * Can show and record multi-probe's input measuring data on the same LCD display at same time.
- * pH : 0 to 14.00 pH.
- * ORP : -1999 mV to 1999 mV.
- * Conductivity : 200 uS/2 mS/20 mS/200 mS.
- * TDS : 200/2000 /20000 /200000 PPM.
- * Salt : 0 to 12 % salt (% weight).
- * Hardness : 0 to 100,000 ppm.
- * Resistivity :
5 ohm-cm to 99.99 Megohm-cm.
- * Dissolved oxygen : 0 to 20.0 mg/L.
- * ATC (automatic temperature compensation).
- * Data hold, record max. and min. reading.
- * RS232/USB PC COMPUTER interface.
- * CD/TDS/Salt probe , CDPB-04 is included.
- * Optional Accessories :
pH electrode, ORP electrode, Dissolved oxygen probe, pH ATC probe (TP-07).
- * 2.4" TFT LCD with backlight to easy reading.
- * SD card capacity : 1 GB to 16 GB.
- * Optional acquisition softwares, SW-U801-WIN, SW-E802, SW-E816.
- * Power by UM3/AA (1.5 V) x 6 batteries or DC 9V adapter.



Vibration, wide band SERIES Multi-Field EMF Meter



RF and LF measurement RF Strength/ Magnetic Fields/Electric Fields Meter Multi-Field EMF Meter

Model : EMF-840

* RF application :

For electromagnetic field strength measurement including mobile phone base station antenna radiation, RF power measurement for transmitters, wireless LAN (Wi-Fi) detection/ installation, wireless communication applications (CW, TDMA, GSM, DECT) and microwave leakage.

* RF power measurement Range/Resolution :

Frequency range : 50 MHz to 3.5 GHz.
30.00 mV/m to 11.00 V/m, 0.01, 0.1, 1 mV/m.
0.02 uW/cm² to 32.09 uW/cm², 0.01 uW/cm².
0.02 uW/m² to 320.9 mW/m², 0.01, 0.1, 1 mW/m².
0.02 mA/m to 29.17 mA/m, 0.01 mA/m.

* LF application :

The EMF tester (LF) is designed to provide the user a quick reliable and easy way to measure electromagnetic field radiation levels around power line, home appliances and industrial devices.

* Magnetic Fields Measurement range/Resolution:

Frequency range : 50 Hz to 60 Hz.
mG : 200.0 to 2000, 0.1 mG, 1 mG.
uT: 20.00 to 200.0, 0.01 uT, 0.1 uT.

* Electric Fields Measurement range/Resolution :

Frequency range : 50 Hz to 60 Hz.
50 V/m to 2000 V/m, 1 V/m.

* 2.4" TFT LCD display to easy reading.

* Lightweight and small size case design are suitable for handling with one hand.

* Wristlet design provides extra protection to the instrument especially for user one hand operation.

* Built-in microprocessor circuit assures excellent performance and accuracy.

* Concise and compact buttons arrangement, easy operation.

* Memorize the maximum and minimum value with recall.

* Hold function to freeze the current reading value.

* Power Supply DC 1.5V, UM4-AAA battery x 3 PCs.



SD Card real time data recorder wide frequency response up to 5 KHz Acceleration, Velocity, Displacement. VIBRATION METER

Model : VB-8209SD

* Applications for industrial vibration monitoring :

All industrial machinery vibrates. The level of vibration is a useful guide to machine condition. Poor balance, misalignment & looseness of the structure will cause the vibration level increase, it is a sure sign that the maintenance is needed.

* Real time recorder, save the data into the SD memory card and can be downloaded to the Excel, extra software is no need.

* Acceleration : 200 m/s²

Velocity : 200 mm/s

Displacement : 2.000 mm

* Hi, Lo frequency range selection.

* Lo frequency range : 10 Hz to 1 KHz, sensitivity relative meet ISO 2954.

* Hi frequency range : 10 Hz to 5 KHz, for other application examples ISO 2372.

* Metric & Imperial display unit.

* Max. Hold, peak value, data hold.

* Memory (Max., Min.).

* Zero button.

* RS232/USB PC COMPUTER interface.

* Vibration sensor and magnetic base are the standard accessories.

* SD card capacity : 1 GB to 16 GB.

* Optional acquisition softwares, SW-U801-WIN, SW-E802, SW-E816.

* Power by UM3/AA (1.5 V) x 6 batteries or DC 9V adapter.

Color display 3 phase power analyzer with harmonic measurement

SERIES



Clamp Probe, A1, A2, A3
CP-1201



SD Card real time data recorder 3 PHASE POWER ANALYZER, with harmonic measurement

Model : DW-6195

- * Color LCD display.
- * Analysis for 3 phase multi-power system, 1P/2W, 1P/3W, 3P/3W, 3P/4W.
- * 3 current probes (CP-1201) are included, if change the current probes, the calibration procedures are not necessary.
- * Current probe input signal/ranges with selection :
Input signal (ACV) :
200 mV/300 mV/500 mV/1 V/2 V/3 V.
Ranges (ACA) :
20 A/200 A/2000 A/30 A/300 A/ 3000 A /6000A.
- * Meter can cooperate the universal current probes.
- * Complete set with 4 PCs Test Leads, 4 PCs Alligator clips, 3 PCs Clamp Probe (CP 1201), AC to DC 9V adapter, 4G SD memory card and Carrying bag.
- * Measurement :
V (phase-to-phase), V (phase-to-ground)
A (phase-to-ground).
KW / KVA / KVAR / PF (phase).
KW / KVA / KVAR / PF (system).
KWH / KVAH / KVARH / PFH (system).
Phase angle.
- * Harmonics display (1-50th order).
- * Simultaneous display of Harmonics and Waveform.
- * Display of Waveform with Peak Values.
- * Analysis of Total Harmonic Distortion (THD).
- * Graphic Phase diagram with 3-Phase system parameters.
- * 3 phase Voltage or Current Unbalanced Ratio (VUR, AUR) and Unbalanced Factor.
- * Calculated Unbalanced Current through Neutral Line (An).
- * Capture Transient events (including Dip, Swell and Outage) with programmable threshold (%).
- * Programmable CT ratio (1 to 600) and PT ratio (1 to 1000).
- * ACV input impedance is 10 Mega ohms.
- * Safety Standard : IEC 1010, CAT III 600V.
- * Built-in clock and Calendar, real time data record with SD memory card , sampling time can be set from 2 to 7200 seconds. Just slot the SD card into the computer, all the measured values with the time information (year, month, date, hour, minute, second) can be downloaded to the Excel directly, then users can make the further data analysis by themselves.
- * Powered by AA (UM-3) DC 1.5 V X 8 batteries (Alkaline type) or DC 9V adapter.
- * Computer data output can cooperate with optional USB Cable/USB-01, RS232 cable/UPCB-02 and Data Acquisition software, SW-U811, SW-E802, SW-E816.
- * Optional current probes : CP-1201, CP-200, CP-2000, CP-3000, CP-3001, CP-6001, CP-3002.
- * User can order the meter only (without the current probes) with the special request if intend to cooperate their own current probes.
- * DW-6195 and DW-6095 are the same shapes, but the Display screen is a color LCD, replace the original monochrome LCD.
- * Patented.

Vibration Spectrum Analyzer SD card data recorder

ERIES



SD card real time data recorder VIBRATION SPECTRUM ANALYZER

Model : BVB-8208SD

FEATURES

- * Vibration Meter Mode :
 - 2 Channels vibration measurement input :
 - One display screen shows all 2 channels of Acceleration, Velocity, Displacement values at the same time.
- * FFT Analyzer Mode :
 1. Real-time analysis frequency 10 kHz.
 2. Time waveform display and spectrum display with up to 1024 spectral lines.
 3. Vibration waveform data recording function.
 - Data are stored in WAVE file format on SD memory card.
- * Built-in clock and Calendar, save real time data information into SD memory card. Sampling time can be set from 2 to 3600 seconds.
- * Data file can be downloaded to the Excel, extra software is no need.
- * Waveform can be saved into BMP file, easy operation and it is useful for the further analysis.
- * Time information : Year, Month, Date, Hour, Minute and Second.
- * Acceleration :
 - 200 m/s².
 - Velocity : 200 mm/s.
 - Displacement (p-p) : 2 mm.
- * Max Hold, Peak Value, Data Hold, Max./Min..
- * SD memory card capacity : 1 GB to 16 GB.
- * TFT LCD display : 320 x 240 pixel, Graphic LCD.
- * RS232/USB computer interface
- * Powered by DC 1.5V (UM-3/AA) x 8 PCs batteries (Alkaline type) or DC 9V adapter.

**Moisture & Temperature 2 in 1
SOIL TESTER**

Model : PMS-716

- * Designed to check the soil's moisture and Temp. level or other similar material, 2 in 1.
- * All in one digital soil meter, easy to make operation.
- * Moisture measurement range : 0 % to 50 % moisture content of the soil sample with 0.1 % resolution.
- * Temp. measurement range : 0 °C to 50 °C of soil sample with 0.1 °C resolution.
- * Temperature unit : °C/°F.
- * Data hold function to freeze the desired value on display.
- * Microprocessor circuit ensures high accuracy and provides special functions and features.
- * Operates from DC 1.5V (UM4/AAA) x 4 PCs batteries.
- * Built-in low battery indicator.
- * Durable, long-lasting components, enclosed in strong, compact ABS-plastic housing.



SOIL THERMOMETER

Model : PST-715

- * Measuring range : 0 to 100 °C.
- * Cooperate with the type K Temp. probe.
- * Unit : °C, °F internal adjustment.
- * Meter is built-in test probe all in one , easy to operate.
- * Hold Function to freeze display button
- * Built-in reverse display button easy to read the test value.
- * IP-65 Water resistance, heavy duty
- * Size : 40 x 40 x 383 mm.
- * DC 1.5 V battery (UM-4 AAA) x 4.



ELEVATOR TACHOMETER

Model : DT-2337

- * Multi-functions elevator tachometer.
- * Photo Tach :
6 to 99,999 RPM , 0.10 ~ 1666.7 rev/s.
- * Contact Tach : 0.5 to 19,999 RPM.
- * Surface speed :
rev/s, m/min, ft/min, in/min, cm/s, m/s, km,
m, km/h.
- * Stroboscope : 100 to 99,990 RPM/FPM.
- * Type K thermometer (Optional type K
probes) : -100.0 to 1300.0 °C.
- * Pt 1000 ohm Temp. (Optional probe,
TP-1000) : -10 to 70 °C.
- * Hold Function to freeze display button.
- * Fast sampling time for contact RPM
measurement, automatic reverse display.
- * Size : 207 x 67 x 39 mm.
- * DC 1.5 V battery (UM-3 AA) x 4.

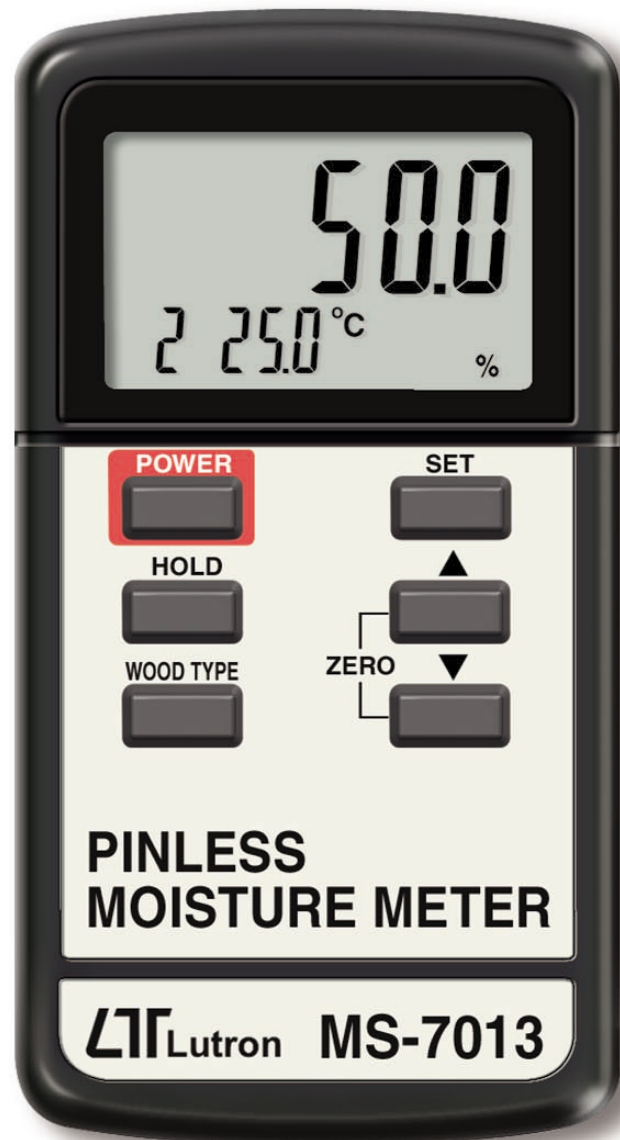


pinless

WOOD MOISTURE

Model : MS-7013

- * Pinless Wood moisture measurement.
- * Wood density selection (8 Kinds Wood density group Type).
- * moisture range : 0 to 50%
- * Temperature range : 0 to 50 °C.
- * Unit : °C, °F internal setting.
- * Meter is built-in scan sensing part, easy operation.
- * Hold Function to freeze display button.
- * Size : 131 x 70 x 25 mm.
- * Power supply : DC 9V battery (006P, MIN1604).



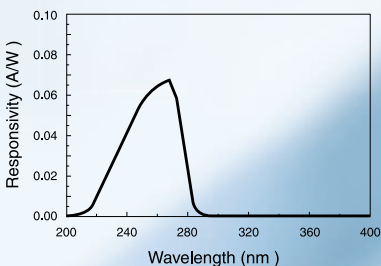


UVC LIGHT METER RS-232

Model : UVC-254A

- * UVC Ultra-Violet radiometer.
- * 3 range :
 - 199.9 uw/cm² x 0.1 uw/cm²
 - 1.999 mw/cm² x 0.001 mw/cm²
 - 19.99 mw/cm² x 0.01 mw/cm²
- * Data Hold.
- * RS232/USB PC computer interface.
- * Max., Min., memory recall button.
- * Size : 180 x 72 x 32 mm
- * Power supply : DC 9V battery (006P, MIN1604).

UVC-254A UVC sensor spectrum

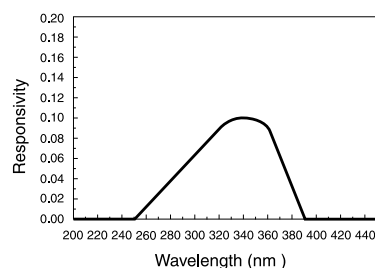


UVA LIGHT METER RS-232

Model : UVA-365A

- * UVA Ultra-Violet radiometer.
- * 3 range :
 - 199.9 uw/cm² x 0.1 uw/cm².
 - 1.999 mw/cm² x 0.001 mw/cm².
 - 19.99 mw/cm² x 0.01 mw/cm².
- * Data Hold.
- * RS232/USB PC computer interface.
- * Max., Min., memory recall button.
- * Size : 180 x 72 x 32 mm.
- * Power supply : DC 9V battery (006P, MIN1604).

UVA-365A UVA sensor spectrum



Professional stroboscope
Metal housing case SERIES
High light intensity



Digital synthesis, High intensity light, External trigger
Metal housing case, professional and long life

DIGITAL STROBOSCOPE XENON

Model : DT-2279 (AC 110V)

Model : DT-2279 (AC 220V or 230V)

- * New generation Stroboscope, used metal housing case with long life.
- * Digital synthesis circuit, high stability and easy adjustment.
- * Xenon flash tube, high intensity light.
- * Display : 14 mm large red LED.
- * Range : 40 to 35,000 RPM (FPM).
- * External trigger signal input for simultaneous testing and measurement.
 1. Phase Shift : 0 to 359° with 1° resolution.
 2. Delay Time : 0 to 2,000 mSec from 40 - 10,000 RPM.
- * Adjustment resolution : 0.1 RPM (< 1,000 RPM), 1 RPM (< 10,000 RPM), 10 RPM (≥ 10,000 RPM).
- * Setting button Key : Ext./Int. button, Mode button, digital adjusting button, x 2 button, ÷ 2 button, + button, - button, easy to adjust the desired RPM.
- * Digital rotary adjustment, easy for making fine adjustment.
- * Power supply (ACV only) :
 DT-2279 (AC 110V), DT-2279(AC 220V).

**Precision milligauss
AC/DC magnetic
Bench type** SERIES



Precision probe



General probe



**SD Card real time data recorder
Precision and General measurement, 2 in 1
MAGNETIC METER**

Model : BMG-3004SD

* Real time recorder, save the data into the SD memory card and can be downloaded to the Excel, extra software is no need.

* Precision and General magnetic field measurement, 2 in 1 and wide range.

* For industrial, mechanical, material, electrical, laboratory field usage.

* Two probes are included : Precision probe and General probe.

* Precision measurement (cooperate with the precision probe) :

1. Use MI sensor, High sensitivity.
2. Measurement ranges :
-3,000 mG to 3,000 mG, -300 uT to 300 uT.
3. Unit : mG (milliGauss), uT (micro Tesla).
4. Resolution : 0.1 mG/1 mG, 0.01 uT/0.1 uT.

* General measurement (cooperate with the general probe) :

1. Use Hall sensor with automatic Temp. compensation.
2. Measurement ranges :
DC : 300.00 mT/3000.0 mT, 3,000.0 G/30,000 G
AC : 150.00 mT/1500.0 mT, 1,500.0 G/15,000 G
3. Unit : mG (milli Gauss), uT (micro Tesla).
4. Resolution : 0.1 G/1 G, 0.01 mT/0.1 mT.

* DC and AC magnetic field measurement.

* N pole/S pole indicator.

* Zero button for DC magnetic function.

* Data hold, record max. and min. reading.

* Separate probe, easy operation and convenient for remote measurement.

* RS232/USB computer interface.

* Auto shut off is available to save battery life.

* SD card capacity : 1 GB to 16 GB.

* TFT color LCD, easy reading.

* Optional acquisition softwares, SW-U801-WIN, SW-E802, SW-E816.

* Power by UM3/AA (1.5 V) x 6 batteries or DC 9V adapter.

Panel DO monitor/controller
IR temp. transmitter
ORP electrode
125 Hz sound calibrator



ORP ELECTRODE

Model : ORP-15

- * Professional ORP electrode with high accuracy and extreme reliability.
- * Silver-silver/chloride reference gel.
- * Epoxy body, BNC connector and 2 meters cable.
- * 12.5 mm Dia, x 150 mm length.
- * Range : -2,000 to 2,000 mV.
- * Optional ORP electrode for LUTRON ORP meters.
- * Applications for water conditioning, aquariums, beverage, fish hatcheries, food processing, photography, laboratory, paper industry, quality control.



4-20 mA output, Infrared Temp.
IR Temp. TRANSMITTER

Model : TR-IR430

- * Analog outputs, 4 to 20 mA :
 4 mA output = 0 °C (32 °F)
 20 mA output = 600 °C (1112 °F)
- * Emissivity : 0.100 to 1.000, can be adjusted.
- * D/S (Distance/spot) ratio : 20 : 1.
- * Power supply : 24 VDC ±20%.
- Max. Output Load : 500 ohms.
- * 4 wires.
- * Spectral response : 8 to 14 um.
- * Environment rating : IP-65 (Housing only).



DISSOLVED OXYGEN CONTROLLER/MONITOR

Model : PDO-8220

- * Use the polar graphic type oxygen probe with temperature sensor, high precision measurement for Dissolved Oxygen (DO) and the temperature measurement.
- * Dissolved oxygen range : 0 to 50 mg/L.
- * Auto temp. compensation, Auto Calibration.
- * Probe head with diaphragm set and electrolyte are included.
- * Dissolved oxygen probe head can be connected with BOD bottle.
- * Control setting, Hi/Lo alarm setting.
- * Control relay output, alarm relay output.
- * Power : 90 ACV to 260 ACV, 50/60Hz.
- * RS-232/USB computer interface.
- * DIN size : 96 x 48 mm. Depth : 107 mm.



125 Hz/94 dB SOUND CALIBRATOR

Model : SC-943

- * Professional, 125 Hz/94 dB sound source.
- * Die casting aluminum alloy housing case.
- * DC 9V batteries x 2 PCs.
- * Size : round 50 mm Dia. x 145 mm (length).



**Economic type
Acceleration/Velocity/Displacement
VIBRATION METER**

Model : VB-8100

- * Measurement range:
 1. ACC : 0.5 to 199.9 m/s².
 2. VEL : 0.5 to 199.9 mm/s.
 3. DISP : 1.999 mm.
- * Power Supply :
UM3/AA (1.5 V) x 6 Pcs.



**Acceleration/Velocity/Displacement
DUAL CHANNEL
VIBRATION METER**

Model : VB-8230SD

- * Measurement range:
 1. ACC : 0.5 to 199.9 m/s².
 2. VEL : 0.5 to 199.9 mm/s.
 3. DISP : 1.999 mm.
- * Power Supply :
UM3/AA (1.5 V) x 6 Pcs.



**RF Bug and Camera Detector
RF DETECTOR**

Model : FC-2601

- * Detector range :
 1. 2.4GHz wireless camera : 10m².
 2. 1.2GHz wireless camera : 10m².
 3. Mobile Phone : 3-1010m².
- * Power Supply : UM4/AAA (1.5 V) x 3 Pcs.



**SD card real time recorder, all in one
CO2 METER + Humidity/Temp.**

Model : COH-9905SD

- * Measurement range :
 - CO₂ (Carbon monoxide) : 0 to 10,000 ppm.
 - Humidity/Temp. : 5 % to 95 % R.H/ 0 to 50 °C.
- * Power Supply : UM3/AA (1.5 V) x 6 Pcs.



**4 light type selection, 4 light type selection,
Auto range 0 to 100,000 LUX
SD card real time recorder,
LUX & Foot Candle unit selection
LIGHT METER**

Model : LX-1138SD

- * Measurement range : 2,000/20,000/100,000 LUX.
- * Power Supply : UM3/AA (1.5 V) x 6 Pcs.



small size
HEAT INDEX WBGT METER

Model : WBGT-208

* Measurement range :

1. Wet bulb globe temperature (WBGT) :
Indoor 0 to 59 °C, Outdoor 0 to 56 °C.
2. Air temperature (TA): 0 to 50 °C.
3. Black globe temperature (TG) : 0 to 80 °C.
4. Humidity : 5 % to 95 % R.H

* Power Supply : UM4/AAA (1.5 V) x 3 Pcs.



Pen type, all in one, IP-67
CONDUCTIVITY/TDS/SALT
PEN METER

Model : PCD-433

*Measurement range :

1. Conductivity : 2000 uS, 20.00 ms.
2. TDS : 2,000 ppm 20,000 ppm.
3. SALT : 0 ~ 12 %.

* Power Supply : UM4/AAA (1.5 V) x 4 Pcs.



Light, Humidity, Air velocity,
Air flow, Type k Temp., ...9 in 1
ENVIRONMENT METER

Model : EM-1900

* Measurement range :

1. Air velocity : 0.4 to 20.0 m/s.
2. Humidity/Temp. : 10 to 95 %RH/0 to 50 °C.
3. Light: 0 to 20,000 lux.
4. Air flow : 0.024 to 36000 CMM.
- 5 Air flow : 0.024 to 36000 CFM.
6. Dew point Temp. : -25.3 to 49.0 °C.
7. Wet bulb Temp. : -5.4 to 49.0 °C
8. Heat index : 0 to 100.0 °C.
9. Type K thermometer :

* Power Supply :
UM4/AAA (1.5 V) x 3 Pcs.



Sound, Humidity, Light meter, Dew point
Wet bulb, Heat index, Type K Temp. ...7 in 1
ENVIRONMENT METER

Model : EM-1910

* Measurement range :

1. Sound level : 35 - 130 dB.
2. Humidity/Temp. : 10 to 95 %RH/0 to 50 °C.
3. Light : 0 to 20,000 lux.
4. Dew point Temp. : -25.3 to 49.0 °C.
5. Wet bulb Temp. : -5.4 to 49.0 °C.
6. Heat index : 0 to 100.0 °C.
7. Type K thermometer : -50.0 to 1300.0 °C.

* Power Supply : UM4/AAA (1.5 V) x 3 Pcs.



Heavy duty hard carrying case

Size : 335 x 288 x 85 mm

HARD CARRYING CASE

Model : CA-07A

* Please contact LUTRON for detailed catalog.



**125 Hz/250 Hz/500 Hz/1K Hz, 94/104/114 dB
MULTI FREQUENCY
SOUND LEVEL CALIBRATOR**

Model : SC-934

- * Frequency : 125 Hz/250 Hz/500 Hz/1K Hz
- * Level : 94/104/114 dB
- * Power Supply : 9 V (006P, MIN1604) x 1 Pc.



**1 KHz/94dB
SOUND LEVEL CALIBRATOR**

Model : SC-951

- * Please contact LUTRON for detailed catalog.



**4 PINS
SOIL TESTER**

Model : MS-7004SD

- * Measurement range:
 1. Soil moisture : 0 ~ 100 %
 2. Temperature : 0 ~ 60 °C.
- * Power Supply : UM3/AA (1.5 V) x 6 Pcs.



**Economical type
PM 2.5 AIR QUALITY METER**

Model : PM-1051

- * Measurement range : 0 to 250 $\mu\text{g}/\text{m}^3$.
- * Power Supply : UM3/AA (1.5 V) x 6 Pcs.



NON CONNECT WIRE SEND PROBE

Model : RHS-221

- * Measurement functions : Humidity, temperature.
- * Humidity range: 10 to 95 %.
- * Temperature range : 0 to 50 °C.
- * power supply by UM4/AAA (1.5 V) x 4 Pcs.

**SD Card real time data recorder
 NON CONNECT WIRE PROBE %RH...AM
 RECEIVER METER**

Model : WR-2022SD

- * Environment instrument, multi-function, 4 in 1.
- * Humidity measurement can show %RH and Temp., Dew , Wet Temp.
- * Temp. display unit default to °C or °F.
- * Meter can default auto power off or manual power off.
- * Real time SD memory card Datalogger, it Built-in Clock and Calendar, real time data recorder , sampling time set from 1 second to 3600 seconds.
- * Manual datalogger is available (set the sampling time to 0), during execute the manual datalogger function, it can set the different position (location) No. (position 1 to position 99).
- * Innovation and easy operation, computer is not need to setup extra software, after execute datalogger, just take away the SD card from

- the meter and plug in the SD card into the computer, it can down load all the measured values with the time information (year/month/date/ hour/ minute/second) to the Excel directly, then user can make the further data or graphic analysis by themselves.
- * SD card capacity : 1GB to 16GB.
- * Display is highlight. TFT, easy reading.
- * Can default auto power off or manual power off.
- * Data hold, record max. and min. reading.
- * Power supply by UM3/AA (1.5 V) x 6 batteries or DC 9V adapter.
- * RS232/USB PC COMPUTER interface.
- * Available for the HVAC applications.



**6.0 GHz, with TCXO, SD card datalogger, Bench type
FREQUENCY COUNTER**

Model : FC-6000SD

- * TCXO (temperature compensated crystal oscillator) time base, high stability & accuracy.
- * High sensitivity for the VHF & UHF frequency measurement, useful for the CB amateur.
- * Wide measuring range up to 6.0 GHz.
- * Used the exclusive Microprocessor IC offered the intelligent function: Frequency, Period, Multi resolution, Data hold, Relative measurement, Data record (Max., Min., Average reading).
- * 4.3 " TFT LCD .
- * 0.1 Hz resolution for 10 MHz, 10 Hz resolution for 1 GHz, 100 Hz resolution for 6 GHz.
- * LCD display for low power consumption & clear read-out even in bright ambient light condition.
- * Power supply by UM3/AA (1.5 V) x 6 batteries or DC 9V adapter.
- * RS 232 PC serial interface.



4 to 20 mA, IOT transmitter
HUMIDITY/TEMP. TRANSMITTER
Model : TRRH-301
 * Please contact LUTRON for detailed catalog.



4 to 20 mA, IOT transmitter
SOUND LEVEL TRANSMITTER
Model : TRSL-401
 * Please contact LUTRON for detailed catalog.



4 to 20 mA, IOT transmitter
LIGHT TRANSMITTER
Model : TRLX-101
 * Please contact LUTRON for detailed catalog.



4 to 20 mA, IOT transmitter
DISSOLVED OXYGEN TRANSMITTER
Model : TRDO-501
 * Please contact LUTRON for detailed catalog.



4 to 20 mA, IOT transmitter
VIBRATION TRANSMITTER
Model : TRVB-801
 * Please contact LUTRON for detailed catalog.





4-wire 4.00 - 20.00 mA output
CONDUCTIVITY/TDS TRANSMITTER

Model : TRCD-431

- * Build in temperature sensor, ATC (auto temperature compensation).
- * 1.413 standard solution are standard accessories.
- * 4-wire installation.
- * Linear current output (4.00 - 20.00 mA)
- * Easy installation and connection.
- * Conductivity range 1 : 0 to 200 µS.
- * Conductivity range 2 : 0 to 2.000 µS.
- * Conductivity range 3 : 0 to 20 mS.
- * TDS (Total Dissolved Solids) range 1 : 0 to 132 ppm.
- * TDS (Total Dissolved Solids) range 2 : 0 to 1320 ppm.
- * TDS (Total Dissolved Solids) range 3 : 0 to 13200 ppm.
- * Power supply by DC 9 ~ 30V.
- * Available for wide applications, such as aquarium, beverage, fish hatcheries, food processing, photography, laboratory, quality control, school & colleges, swimming pools, water conditions.



4-wire 4.00 - 20.00 mA output
CO₂ TRANSMITTER

Model : TRCO2-502

- * Build in temperature sensor, ATC (auto temperature compensation).
- * CO₂ sensor : NDIR, long term reliability.
- * 4-wire installation.
- * Linear current output (4.00 - 20.00 mA)
- * Easy installation and connection.
- * CO₂ Range : 0 to 5000ppm.
- * Power supply by DC9 ~ 30V.
- * Available for wide applications, such as aquarium, beverage, fish hatcheries, food processing, photography, laboratory, quality control, school & colleges, swimming pools, water conditions.



4 wire , 4 - 20 mA
Range 0 ~ 14 pH
pH TRANSMITTER

Model : TRPH-201

FEATURES

- * 4-wire installation.
- * Linear current output .
- * Easy installation and connection.
- * pH range : 4.00 to 14.00 pH.
- * Analog output: 4 to 20 mA.
- * 4.00 & 7.00 pH standard solution are standard accessories.
- * Power supply by DC 9 ~ 30 V .
- * Available for wide applications, such as aquarium, beverage, fish hatcheries, food processing, photography, laboratory, quality control, school & colleges, swimming pools, water conditions.





**4PINS ,3wire ,4to20mA IOTtransmitter
SOIL MOISTURE/Temp. TRANSMITTER
Model : TRMS-701**

- * Measurement ranges, 0 ~ 100 % . 0 ~ 70 °C
- * Four PIN probe (PIN length 78 mm)
- * High stability
- * High accuracy
- * Fast response.
- * Easy Installation.
- * Separate probe, easy for operation of different environment measurement .
- * Thermister temperature.
- * 3-wire installation.
- * Linear current output .
- * Easy installation and connection.
- * Powerby DC 9 to 30 V.
- * Microcomputer circuit, high accuracy.



**NON-CONTACT, LCD display
3 PHASE ROTATION TESTER
Model : RT-626**

FEATURES

- * Electronic (not mechanical) rotation test, high reliability.
- * LCD display, easy read and simple operation.
- * Signal input voltage : 100V AC up to 660V AC max.



LN-A37 Large Alligator Clip

Specifications

- * Rating : CATIII 1000V CATIV 600V
- * Current : 20A
- * Colour : Black, Red
- * Connection : Slide-on 2mm Jack With No.4 (T=48) screw
Option : **4mm Jack (LN-A35)**
- * Jaw Opening : 34mm
- * Recommended for use with LN-S05 test leads



LN-A40 Little Alligator Clip

Specifications

- * Rating : CATIII 1000V CATIV600V
- * Current : 10A
- * Colour : Black, Red
- * Jaw Opening : 8.5mm
- * Connection : Slide-on 2mm Jack With No.4 (T=48) screw
Option : **4mm Jack (LN-A38)**
- * Recommended for use with LN-S05 test leads



LN-A41 Alligator Clip Test Lead (Right Angle)

Specifications

- * Rating : CATIII 1000V CATIV 600V
- * Current : 10A
- * Colour : Black, Red
- * Connection : 4mm Banana Plug
Option : **Straight (LN-A43)**
- * Lead Length : 750mm
- * Lead Type : UL1803 PVC (Dual-layer insulation)



LN-S05 Safety Test Lead Set (Right Angle)

Specifications

- * Rating : CATIII 1000V CATIV 600V
- * Current : 10A
- * Colour : Black, Red
- * Connection : 4mm Banana Plug
Option : **Straight (LN-S07)**
- * Lead Length : 900mm
- * Test Probe : 2mm with No.4(T=48)Screw
- * Lead Type : UL1803 PVC (Dual-layer insulation)



LN-S09 Detachable Test Lead Set (Right Angle)

Specifications

- * Rating : CATIII 1000V CATIV 600V
- * Current : 10A
- * Colour : Black, Red
- * Connection : 4mm Banana Plug
Option : **Straight (LN-S11)**
- * Test Probe : 2mm
- * Lead Length : 900mm
- * Lead Type : UL1803 PVC (Dual-layer insulation)



LN-N01 K-type Thermocouple Adapter

Specifications

- * Adapts K-Type thermocouple mini-connector to dual shrouded banana plug inputs
- * Measurement range and accuracy: probe dependent
- * Suitable for low voltage applications (below 30 V AC, 60 V DC)
- * Size : 51x37x14.5mm



LN-N02 Flexible 0.75mm Test Probe

Specifications

- * Colour : Black, Red
- * Connection : 2mm Jack
- * Length : 30mm
- * Test probe : 0.75mm Gold-plated Flexible
- * The 2mm Jack design allows quick and easy connection to any 2mm Probe Test Lead.



LN-N07 1mm Test Probe

Specifications

- * IEC Rating : CATIII 1000V
- * Current : 2A
- * Colour : Black, Red
- * Connection : 2mm Jack
- * Shaft Length : 58mm
- * Test probe : 1mm stainless
- * The 2mm Jack design allows quick and easy connection to any 2mm Probe Test Lead.



LN-N13 Mini Test Hook Clip

Specifications

- * IEC Rating : CATII 300V
- * Current : 2A
- * Colour : Black, Red
- * Connection : 2mm Jack
- * Clip Type : Mini test clip (41mm).
- * Lead Length : 155mm
- * Lead Type : UL1007PVC With Braided.
- * The 2mm Jack design allows quick and easy connection to any 2mm Probe.



LN-N14 Micro Test Hook Clip

Specifications

- * IEC Rating : CATII 300V
- * Current : 2A
- * Colour : Black, Red
- * Connection : 2mm Jack
- * Clip Type : Micro test clip (57mm)
- * Lead Length : 155mm
- * Lead Type : UL1007 PVC With Braided
- * The 2mm Jack design allows quick and easy connection to any 2mm Probe.



LN-N19 Little Alligator Clip

Specifications

- * IEC Rating : CATII 300V
- * Current : 2A
- * Colour : Black, Red
- * Connection : 2mm Jack
- * Clip Type : Mini test clip
- * Lead Length : 135mm
- * Lead Type : UL1007PVC With Braided
- * The 2mm Jack design allows quick and easy connection to any 2mm Probe Test Lead.



LN-N46 Flat Alligator Clip

Specifications

- * IEC Rating : CATII 300V
- * Current : 2A
- * Colour : Black, Red
- * Connection : 2mm Jack
- * Clip Type : Flat alligator clip
- * Lead Length : 135mm
- * Lead Type : UL1007 PVC With Braided
- * The 2mm Jack design allows quick and easy connection to any 2mm Probe Test Lead.

