

mrc METERS & DATALOGGERS

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2017 DISTRIBUTOR NET PRICE LIST
www.mrclab.com



Exstik PH Meter

PH100

- PH: 0.00-14.00
- Temperature: -5 - 90°C
- Resolution: 0.01pH, 0.1°C
- Power: 4 LR44 batteries
- Waterproof.

Exstik Conductivity Meter

EC400

- 3 ranges of measurements from tap water to waste water and any aqueous solution requiring a conductivity, TDS or Salinity measurements



Portable PH/Temp. Meter Complete Kit



MP-103

- Range: 0-14.00pH, $\pm 1999\text{mV}$, 0-100°C
- Accuracy: $\pm 0.01 + 1$ digit / $\pm 1\text{mV} + 1$ digit / $\pm 0.2^\circ\text{C} + 1$ digit.
- Resolution: 0.01 / 1 / 0.1°C.

Heavy Duty PH/ORP/Temp Complete Kit



PH-207

- PH: 0.00 - 14.00
- Temp: 0-65°C
- ORP: 0 - 1999mv.
- Include: pH plastic electrode.

PH Controller/Monitor



PPH-2108

- 0 - 14 pH x 0.01 pH
- Control setting, Alarm setting
- Control relay output, alarm relay output.
- RS-232 computer interface.

Industrial PH Electrode

PE-21

- BNC Connector

BenchTop PH/mV/Temp/RS232 Meter Complete Kit



PL-600

- PH: 0 - 14.00 pH.
- ORP: -2000 mv ~ 2000 mv
- Temp: 0.5 ~ 105°C.

Heavy Duty PH/ORP/Temp Complete Kit+Data Logger



PH-230SD

- PH: 0 - 14.00 pH.
- ORP: -1999 mv ~ 1999 mv
- Real time data logger, save the data into the SD memory card.

BenchTop Ph/mV/Temp.+Magnetic Stirrer Complete Kit



PL-700

- PH: 0.00 to 14.00
- Temp: 0-100 deg C
- mV: -2000 to 2000mv.

PH Electrodes



PE-01 / GL-42 / PE-06HD / PF47

- | | | | |
|------------------------|---------------|-----------------|--------------------------------------|
| Polycarbonate
9.5mm | Glass
12mm | Plastic
12mm | For
creams
& hard
materials |
|------------------------|---------------|-----------------|--------------------------------------|

Water Analyzer with Selective Ion Concentration



DZB-712

- Parameters: Ion concentration/ PH/ORP/Conductivity/Resistivity/ TDS/Salinity/DO/Temp.

Dissolved Oxygen/Temp. Meter Complete Kit



DO-5510

- Dissolved oxygen: 0 - 20mg/L
- Oxygen in air: 0 - 100%
- Temp.: 0 to 50°C.

Dissolved Oxygen Meter Data Logger



DO-5512SD

- Dissolved oxygen: 0 - 20mg/L
- Real time data logger
- Oxygen in air: 0 - 100%.

PH/ORP/CD/TDS/Salt Meter Data Logger



WA-2017SD

- PH: 0 - 14.00 pH
- ORP: $\pm 1,999$ mV
- Conductivity: 200 μ S/2 mS/20 mS/200 mS
- Salt: 0 - 12.0% salt.

Conductivity/TDS/Salt Meter Recorder



CD-4317SD

- Conductivity: 200 μ S/2 mS/20 mS/200 mS.
- Salt: 0 - 12% salt (% weight).

Digital Conductivity Meter Complete Kit



CD-4303

- 3 ranges: 0.1 - 199.9microS, 0.2 - 1.999milliS, 2 - 19.99milliS
- Temp: 0 - 60°C.

Exstik Conductivity Meters



EC400

- Conductivity/TDS/Salinity/Temp.

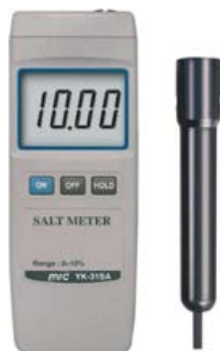
EC500

- Conductivity/TDS/Salinity/Temp./PH.

DO600

- Dissolved Oxygen.

Portable Salt Meter, 0-10%



YK-31SA

- Measuring range: 0 - 10% salt.
- Resolution: 0.01% salt.
- Accuracy: $\pm 0.5\%$ salt value.
- Sampling time: Approx. 0.4 sec.

PH/mV/Temp/Cond/TDS/Salt Complete Kit



865505

86555 Include printer

- Includes: plastic 12mm conductivity electrode, plastic PH 12mm electrode, temp. sensor & stand, software & com cable.

PH/MV/TEMP/COND/TDS Meter



EC600

- pH -2.00 to 19.99pH
- mV -1999 to + 1999mV
- Conductivity 0.00 to 199.9mS
- TDS 0 to 100g/L
- Salinity 0 to 100ppt.

Refractometers Brix



REF-113ATC 0-32% Brix
REF211 0-100% o/1000-1070 sg
REF116 58-90% Brix
REF111 0-10% Brix
REF104 28-62% Brix

Digital Brix Refractometer



REF-85

- 0 - 85% Brix.
- 0 - 80°C
- Resolution 0.1% Brix
- Measurements time approximately 1.5 seconds
- Min. Sample Volume 0.1 mL

Abbe Refractometer



K 7135

- Range: 0-95% Brix.
- Measuring range 1.300 - 1.700.
- Temperature range 0°C ~50°C.

Portable Density/Specific Gravity Meter



DA-130N

- Range: 0.0000 ~ 2.0000 g/cm³
- Precision: ±0.001 g/cm³
- Resolution: 0.0001 g/cm³
- Temperature range: 0 ~ 40.0°C.

Disc Polarimeter



PLRM-4

- Measurement Range: -180° - 180°
- Scale Value: 1°, Vernier: ±0.05°
- Magnifier: 3X, Light Source: Sodium Lamp
- Wavelength: 589.44nm, Tube.

Turbidity Meter Complete kit



TU-2016

- 2 ranges: 0 - 50NTU/50 - 1000NTU
- Resolution: 0.01NTU/1NTU
- Light source: LED, 850nm.

Chlorine Photometer



ITS-486201
 For water quality
 Parameters:
 Free chlorine,
 combined chlorine,
 PH, Total Alkalinity,
 Calcium hardness.

Colorimeter 2 Wavelengths for Water Inspections



ITS-486700

- 525 & 638 nm
- Water testings by "dry chemistry" method
- Alkalinity 0-200ppm
 Aluminium 0-0.9 ppm
 Ammonia 0-2.3 ppm
 Chlorine-free/total/as NaCl
 Copper 0-11 ppm
 Fluoride 0-1.5 ppm.

Lead Paint Check Startup Kit



ITS-486911

- Direct read parameters: Lead in Paint, Lead in Water, Lead in Soil Mercury in Water, & Cadmium in Water
- Easy-to-use eXact® Strip/Photometer reagent 0.01 ppm (mg/L) precision.

Rotary Viscometer



VIS-1D

- Measured Range (mPas): 10-100,000.
- Rotation speed: 6,12,30,60.
- Accuracy: ±5%.

Digital Rotary Viscometer up to 2M cP



VIS-8

- Measured Range: 10 to 2,000,000 cP
- Includes 4 Spindles & stand.

Oil quality meter



OS-27

- Temperature measure range: 10.0 ~ 200°C.
- TMP. measure range: 0.5-40%.

Thermometer, Waterproof Stem Type, -40 to 200°C



39240: -40 to 200°C

- 70mm Stainless steel stem
- MAX/MIN recall of high & low temperatures.

Thermometer, Fold-up Pocket Style, -50 to 300°C



39272: -50 to 300°C

- 114mm stainless steel probe
- Data Hold & Min/Max. $\pm 1^\circ\text{C}$, 1° resolution.

Immersion Thermometer With 500mm Probe -10 to 110°C



8891: -10 to 110°C, 0.1°C

- 500mm probe, diam. 5mm.

Thermometer, Stem 2" Digital Dial, C/F



392050: -50 to 150°C

- 130mm Stainless steel stem.

Fold-up Pocket Style Food Thermometer -40 to 250°C



TM55: -40 to 250°C

- 61mm stainless steel probe
- Data Hold & Min/Max. Accuracy: $\pm 0.5^\circ\text{C}$, 0.1°C resolution.

Corkscrew Stem Thermometer -50 to 150°C



TM40: -50 to 150°C, Resolution: 0.1°C/1°C

- 101mm stainless steel probe.

Temp. Data Logger With LCD



DLogMate-TD

DLogMate-CR: Cable+SoftWare

- Temp. Range: -40 to 85°C, 0.1°C
- Up to 8000 readings.

Thermometer, Big digit indoor/outdoor



401014

- Outdoor Range: -50 to 70°C
- Indoor Range: -10 to 60°C
- Min./Max. readings
- With 3m cable
- Ideal for refrigerators.

Temperature Indicator With Immersion Probe -40 to 200°C



TM25

- 105mm probe
- Temp. Range: -40 to 200°C, 0.1°C
- With 1.5m cable.

Moisture Meter with the Probe



MS-7011

- Probe length: 600mm. Probe head diam.: 10mm
- Humid. content: 10 to 95%RH
- Type K Temp.: -100 to 1300°C.
- Dew point: -25.3 ~ 48.9°C.

Wood/Concrete/Moisture Meter



MS-7003

- Moisture range on wood: 6% to 40%
- 0 to 100% relative moisture value for Concrete & other non-wood material.
- Resolution: 0.1%.

Soil Moisture Meter



PMS-714

- Rang: 0% to 50% moisture content.
- Heavy duty probe, probe length: 22cm.
- Resolution: 0.1%.
- Hold, record (Max, Min).
- Durable, long lasting components.

Indicator, RH/Temp W/Clock



445702

- Humidity Range: 10-85%, $\pm 6\%$
- Temp. Range: -10 - 60°C, $\pm 1^\circ\text{C}$
- Memory: Min./Max.

Indicator, RH/Temp Big Digit



445703

- Humidity Range: 10-99%, $\pm 5\%$
- Temp. Range: -10 - 60°C, $\pm 1^\circ\text{C}$
- Memory: Min./Max.

Hygro-Thermometer With Remote Sensor



445715

- Humidity Range: 10-99%, $\pm 4\%$
- Temp. Range: -10 - 60°C, $\pm 1^\circ\text{C}$
- Memory: Min./Max.

Temp. & Humid. Datalogger 16,000 Memories+SoftWare



8808

- Humidity Range: 0-100%, $\pm 3\%$
- Temp. Range: -20 - 70°C
- Dimensions: 120X93X42mm.

Temp. & Humid. Datalogger 16,000 Memories



8809

- Humidity Range: 0-100%, $\pm 3\%$
- Temp. Range: -20 - 70°C
- Dimensions: 120X93X42mm
- LED Panel.

Hygro-Thermometer Wall Clock



445706

- Temp. Range: -10 - 60°C
- Humidity Range: 20 - 90%
- Accuracy: $\pm 5\%$ RH, $\pm 1^\circ\text{C}$.

Humidity & Temperature Datalogger/USB



RHT10

- 16,000 Memories+SoftWare
- Temp. Range: -40 - 70°C, $\pm 1^\circ\text{C}$
- Humidity Range: 0-100%, $\pm 3\%$.

Humidity & Temperature Datalogger W/LCD



RHT20

- 16,000 Memories+SoftWare
- Temp. Range: -40 - 70°C, $\pm 2^\circ\text{C}$
- Humidity Range: 0-100%, $\pm 3\%$.

Temp./Humidity Data Logger With LCD



DLogMate-THD

DLogMate-CR: Cable+SoftWare

- Humidity Range: 0-100%, $\pm 3\%$
- Temp. Range: -40 - 85°C, $\pm 0.6^\circ\text{C}$
- Water Protected.

Humidity/Barometer/Temp. Monitor



MHB-382SD

- Humidity Range: 10-95%
- Temp. Range: 0 - 50°C
- Barometer: 10-1100hPa, mmHg, inHg

Digital Chart Recorder, Humidity & Temperature



RH520A

- Humidity Range: 10-95%, $\pm 3\%$
- Temp. Range: -28 - 60°C, $\pm 1^\circ\text{C}$
- Without Paper.

Digital Temp/Humid Recorder



CR4-KTH

- Humidity Range: 0-100%
- Temp. Range: -30 - 50°C
- With Paper 6".

Pocket IR Thermometer -20°C to 270°C



IR201A

- Temp. Range: -20 to 270°C
- Basic Accuracy: $\pm 2.5\% + 2^\circ\text{C}$
- Dist. to Spot Ratio: 6:1.

IR Thermometer -20°C to 332°C



IR400

- Temp. Range: -20 to 332°C
- Basic Accuracy: $\pm 2\% + 2^\circ\text{C}$
- Dist. to Spot Ratio: 8:1.

IR Thermometer W/type k input, -50°C to 800°C



42515

- IR Range: -50 to 800°C
- Type K Range: -50 to 1370°C
- Basic Accuracy: $\pm 2\%$ or 2°C
- Dist. to Spot Ratio: 13:1.

Infrared Thermometer, -50°C to 2200°C



42545 -50 to 1000°C

42570 -50 to 2200°C

- Up to 100 readings for 42570.
- Dist. to Spot Ratio: 50:1.

Dual laser IR Thermometers



42509: -20 to 510°C, 12:1

42511: -50 to 600°C, 12:1

42512: -50 to 1000°C, 30:1

- Data Hold and Min/Max.

Infrared Thermometer -50°C to 650°C



42510A: -50 to 650°C, $\pm 0.1^\circ\text{C}$

42500: -20 to 260°C, $\pm 1^\circ\text{C}$

- Data Hold and Min/Max.

Imaging IR Thermometer Camera



TG165

- Temp. Range: -25 to 380°C
- Basic Accuracy: $\pm 1.5\%$ or 1.5°C
- Dist. to Spot Ratio: 24:1.

Laser Video IR Thermometer -50 to 2200°C



VIR50

- Temp. Range: -50 to 2200°C
- Dist. to Spot Ratio: 50:1.

Thermal Imager, -20~350°C



IR-CAM-160

- IR resolution 160 x 120 pixels
- Pixel pitch 25 μm
- Spectral range 8-14 μm .

Dry Wall Calibration Furnace for TC & RTD



CALI350

- Temp. Range: 35 - 300°C
- Stability: $\pm 0.3^\circ\text{C}$.
- Accuracy: $\pm 1^\circ\text{C}$.
- Wall Depth: 100mm.

Multifunction Calibrator



PRC30

- Source & measure for:
Thermocouples J/K/T/E/C/R/S/N.
- mA, mV, & V devices 0-2000mV,
0-24mA.

Thermocouple Wires & Connectors



2 Channels Thermometer Data Logger



DLogMate-2TCK

- Temp. Range: -200 to 1370°C, 0.1°C
- Up to 16,000 readings.

4 Channel Thermometer Data Logger



TM-747D

- Multi function for K/J/E/T/R/S/N types
- Programmable Hi/Lo audible alarm function
- 10,000 readings each channel.

12 Channels Temperature Recorder Data Logger



BTM-4208SD

- For K/J/E/T/R/S Sensor types
- Data logger sampling time range : 1 to 3600 seconds.

Temperature Surface 90° Sensor



TP-04-90 TP-04-Weels

- Thermocouple Type: K
- Using Temperature: 400°C/752°F
- Accuracy: 0.4 Class/0.75 Class
- Standard Length of coil wire: 2 Meters

2 Channel for PT100ohm input, PRECISION 0.01°C ThermoMeter Datalogger+Probe



TM-9017SD+TP100

- Type KIJ/R/S/Err, Pt 100 ohm, 4 display.
- 2 channels (T1, T2, T3, T4), T1-T2, °C/F.
- Display 4 channels Temp. at the same time.
- Type K: -100 to 1300°C.

Heavy Duty Thermometer -50°C to 1300°C



TM-5005 Single channel TM-5007 Dual channels

- Temp. Range: -50 to 1300°C.
- Type K, ±0.3%.rdg.+1°C.

Digital Temp. Controller



BOX-3216

- For Heating tapes, mantles, hotplate & heaters..
- Up to 3000watts
- Quick connections for power & temperature sensor.

Temperature Recorder -40 to 50°C or 0 to 500°C



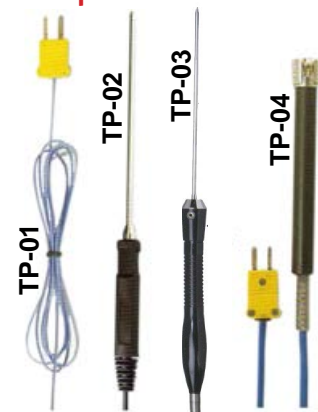
CR87B220C

- 3 Temp. Ranges: -40 - 0°C, -30 - 10°C, 10 - 50°C.

CR87HT220C

- 3 Temp. Ranges: 0 - 120°C, 0 - 250°C, 0 - 500°C.

Temperature Probes



- TP-01 Wire Probe up to 200°C
- TP-02 Immersion Probe up to 700°C
- TP-03 Penetration Probe up to 1000°C
- TP-04 Surface Probe up to 400°C

Thermo-Anemometers, Mini



45118
45158

- Temp. & Windchill: -18 to 50°C
- Relative Humidity & Dew Point for 45158.

Weather Instruments



Kestrel 3000
kestrel 4000

- Temp. Range: -45 to 125°C
- Humid. Range: 0-100%
- 4000: +Pressure 8.86 - 32.48 inHg.

Anemometer, Humidity, Light Meter, Thermometers



LM-8000
LM-8100 +Data output

- Wind Range: 0.4 - 30m/sec
- Humid. Range: 10 - 95%
- Light Range: 0 - 20000lux.

Pitot Tube + Anemometer for High Speed Air Flow



HD350

- Wind Range: 1 - 80m/sec
- Simultaneous display of Pressure, Air Velocity/Air Flow plus Temp.

Hot Wire Anemometer for Low Speed Air Flow



AM-4214SD

- 0.2 - 20.0 m/sec.
- Type K Thermometer: -100 - 1300°C
- Type J Thermometer: -100 - 1200°C.

Anemometer With Air Flow & Air Velocity



AM-4206M

- Wind Range: 0.4 - 35m/sec
- Max./Min., Memory recall button
- Air flow: in CMM/CFM.

Cup Anemometer/Barometer/Humid/Temp.



ABH-4224

- Temp. Range: 0 - 50°C
- Wind Range: 0.9 - 35m/sec
- Humid. Range: 10 - 95%.

Cup Anemometer +Data Logger



AM-4257SD

- Temp. Range: 0 - 50°C
- Wind Range: 0.9 - 35m/sec
- Real time data recorder.

10cm Vane Airflow Meter



8917

- Wind speed range: 0.2-30 m/s.
- Temp. range: -20 - 60°C
- RH range: 0.1-99.9%.

Wind Speed Transmitter



TR-AM3W

- Measuring range : 0.5 to 50 m/s
- Start wind speed : 0.5 m/s.

CT-2012 Display

4 to 20 mA Wind Direction Transmitter



TR-AD3W

- Measuring range : 0 to 360°C.
- Start wind speed : 0.5 m/s.

CT-2012 Display

Anemometer metal vane+ Air Flow+SD Card recorder



AM-4247SD

- 3 in 1 : Anemometer, Humidity / Temp. meter, Type J/K thermometer.

Light Meter 200,000Lux



TES-1332A

- Ranges: 200/2000/20,000/200,000 Lux
- Resolution: 0.01 & 0.1 Lux.

Light Meter 400,000 LUX



TES-1335

- Ranges: 400,000, 40,000, 4000, 400, 40 Lux
- Resolution: 0.01 Lux.
- Data hold, MIN/MAX function.

Light Meter 20,000 LUX



TES-1337

- Ranges: 20,000 , 2000, 200, 20 Lux
- Resolution: 0.01 Lux
- Data hold, MIN/MAX function.

UVA/UVC Light Meter +Data Logger



YK-37UVSD

- Long wave 365nm UVA.
- Short wave 254nm UVC.
- Two ranges: 2,20 mw/cm²

Light Meter, 100,000 Lux +Data Logger



LX-1128SD

- Ranges: 2,000/20,000/100,000 Lux
- Real time data logger.
- Lux & Feet Candle unit.

Digital Light Meter, 999,000 LUX



TES-1339R +Data Logger

TES-1339 TES-1339R - Data logger

- Store & recall up to 50 measurements, includes relative or real time clock stamp
- Ranges: 99.99, 999.9, 9999, 99990, 999,900 Lux
- Max Resolution: 0.01 Lux.

Luminous Lux Meter



TES-133

- Ideal for: LEDs, Optical Fiber lamps, Small lamps
- Range: 0.05-7000 Lumens
- Comparator function.

Luminous Meter +Data Logger



TES-137

- Ideal for: LEDs, LCDs, CRTs etc.
- Range: 9.999 to 1999k cd/m² 9.999 to 580kfl, Autoranging 7 steps
- Datalogging function: 200 sets.

Solar Power Meter



SPM-1116SD

- 3 functions : Solar power, Power integration, Transmission
- Sampling time set: 1sec - 3600 sec.
- Spectral 400 - 1100nm.

Sound Level Meter, Pocket Type



SL-4030

- Range: 3 ranges, 30 - 130 dB.
- Mini pocket size.
- A, C weighting, Max. hold, fast/slow time weighting, AC/DC output.

Noise Dosimeter +Data Recorder



DS-2013SD

- Ranges: 30 to 130 dB auto range.
- Display: LCD, 0.01-99999%.
- Criterion Level: 80, 84, 85 or 90dB.

Integration Sound Level Meter Real Time Data Recorder



SL-4035SD

- Range: 30 - 130 dB.
- SD Card, real time data logger, Patent.
- Resolution: 0.1 dB.
- Frequency: 31.5Hz - 8 KHz.

SC-941

- Sound Calibrator

Air flow, Humid., Light, Thermometer, Sound meter



LM-8102

- Humidity: 10-95%
- Thermometer (typek): -100 ~ 1300°C
- Air velocity: 0.4-30m/sec.
- Light: 0-2,200Lux.
- Sound level: 35-130dB.

Sound Level Datalogger W/USB



407760

- Range: 30 - 130 dB.
- Up to 129,920 records
- Data sampling rate: 50ms, 500ms, 1s, 2s, 5s, 10s, 60s.

Sound Level Alert, Green Housing



SL130G

- Range: 30 ~ 130 dB
- Build in LEDs alert user when sound level is too high or too low.
- Resolution: 0.1dB.

Precision Colorimeters



CLRM-200 CLRM-300 CLRM-310

High quality portable colorimeter, widely used in R&D, quality control & production management in plastic, electronic, paint, print, paper, food, medical, cosmetic industries, scientific research etc.

Precision Colorimeter



CLRM-110

- Auto locating of light source.
- Built in calibration plate.
- Illuminating/viewing geometry: 8d.

Color Analyzer



RGB-1002

- Spectral range: 400 nm - 700 nm
- 45/0deg. color measuring geometry
- LCD display, show RGB/HSL value at same time.

Ultrasonic Coating Thickness Meter



CM-8825FN

- Measuring Range: 0-50mil
- Resolution: 0.5mil
- Accuracy: 1~3% n
- Min. Measuring area: 6mm
- Min. Sample Thickness: 0.3mm.

Ultrasonic Thickness Meter



TM-8812

- 1.2 - 200mm
- 500-9000m/sec
- Resolution: 0.1mm.

Ultrasonic Coating Thickness Meter With Separate Probe



CM-8829FN

- Measuring Range: 0-50mil/0-1250 μ m
- Resolution: 1mil. Accuracy: 1~3% n
- For type F & NF substrates.

Digital Calipers 150mm/ 0.005mm + Data output



MT-110051

- Resolution: 0.005mm
- Measuring Range: 0-150mm.
- The internal jaws measurement accuracy can accord with DIN862.

Digital Calipers 150/300mm /0.01mm + Data output



MT-111101 0-150mm
MT-111103 0-300mm

- Measuring Range: 0-150/300mm
- The internal jaws measurement accuracy can accord with DIN862.
- Zero-setting at any position.

Digital Calipers 150/200mm /0.01mm, Damp Proof IP54



MT-111261 0-150mm
MT-111262 0-200mm

- Measuring Range: 0-150/200mm
- Resolution: 0.01mm

Digital Depth Gauges 150mm/0.01mm



MT-121101

- Used for depth measurement.
- Zero-setting at any position.
- Inch/mm conversion
- Data output.

Digital Outside Micrometer 0-25mm/0.001mm



MT-211101

- Limit Error ± 0.003 mm
- Extra large LCD for easy reading.
- Carbide-tipped measuring faces.
- Manual power on/off.
- Zero setting at any position.

Outside Micrometer 0-25mm/0.01mm



MT-241101

- Limit Error ± 0.004 mm
- Baked enamel frame.
- Carbide-tipped measuring faces.
- With ratchet stop & spindle lever lock.

Digital Thickness Gauge 10mm/0.01mm Short depth



MT-316101

- Zero setting at any position.
- Two types of measuring faces .
- Contact points automatically close.

Digital Level



MT-461101

- 4x90° measurement.
- Widely used in angle measurement in auto industry, building industry and drilling machinery, etc.
- Display always reads upright, no matter which way the level is turned.
- Simple calibration requires no special fixtures.

Dial Test Indicators



MT-323001
MT-323101 0-1mm
MT-323201 0-0.8mm

- Used for more accurate measurement.
- To measure errors and relative position deviations of geometric shapes.
- With anti-dirt cap on the upper end of the measuring spindle.

Digital Indicators Graduation 0.01mm



MT-312101 0-12.7mm
MT-312102 0-25.4mm
MT-312103 0-50.8mm

- Hand/auto power off
- Preplace started position value.

Dial Thickness Gauge 10mm/0.01mm



MT-326101 Depth: 30mm
MT-326201 Depth: 120mm

- Two types of measuring faces.
- Contact points automatically.

Twin-Beam Digital Height Gauges



MT-132103 300mm
MT-132105 500mm
MT-132106 600mm

- Resolution: 0.01mm
- Carbide-tipped scriber.
- With fine adjustment .
- The base bottom is made of hardened stainless steel.

Force Meters 5000gr/20kg



FG-5000A 5kg
FG-20KG 20kg

- Tension & compression capability
- high resolution, high accuracy, high repeatability.

Force Gauges+DataLogger



FG-6005SD 5kg
FG-6020SD 20kg

- Resolution: 1g/0.02oz/0.01Newton
- Min. Display: 3g/0.10oz/0.03 Newton.

Test Stand for Force Gauge



FS-1001

- Whole system will be a useful tool for material's tension & compression analysis.
- Size: 650 x 250 x 230 mm.

Professional Torque Meter with Separate Probe



TQ-8800

- 15 Kg-cm torque sensor included
- Peak, Data hold, Max./ Min., Fast/Slow.

Fruit Hardness Testers



FR-5105 5kg
FR-5120 20kg

- Digital display with Peak hold function
- RS-232/USB computer interface.
- Complete set with hard carrying case.

Force Meter 100 Kg



FG-5100
FG-6100SD +DataLogger

- LCD display with peak hold function.
- RS-232/USB computer interface.
- Includes hard carrying case.

Heavy duty, professional, 1000Kgf-cm Torque Wrench



TQ-8803

- Auto data hold function to freeze the last measurement reading.
- LCD display with backlight, easy readout.
- Alarm value setting with beeper sound.
- Units: Kgf-cm/Lbf-inch/ N-cm.

Hardness Testers



SHORE-A
Shore-A
SHORE-D
Shore-D

- Range: 10 ~ 90 HA/HD.
- Head stroke: 2.5mm.
- Dimension: 115x60x25mm.

Rockwell Hardness Tester



SHR-150M

- Hardness Indication: Analogue.
- Hardness analogue resolution: 0.5HR
- Max. Height of Specimen: 170mm.

Manometer, Differential input

- PM-9100**
±2000mbar
- PM-9102**
±200mbar
- PM-9107**
±7000mbar



- Application: Industrial, laboratory, heating, ventilation, hospital
- Data hold, Memory, RS232.

Manometer, Pressure, 0.5psi

- HD755**
0.5PSI
- HD700**
2PSI
- HD750**
5PSI



- 11 selectable units of measure
- Max/Min/Avg recording and Relative time stamp
- Data Hold & Auto power off functions

Vacuum Meter, 1-1500mbar

VC-9200

- Units : torr, mm Hg, micron, KPa, Pa, inch Hg, psi, mbar
- RS232, Hold, Record min/max.
- Used for air, oil gas.



Pressure Transducers for Models: PS-9302/9303SD

- | | |
|---------------------|--------|
| PS100-2BAR | 2bar |
| PS100-5BAR | 5bar |
| PS100-10BAR | 10bar |
| PS100-20BAR | 20bar |
| PS100-50BAR | 50bar |
| PS100-100BAR | 100bar |
| PS100-400BAR | 400bar |



Pressure Meter, Data Logger Without Transducer

PS-9303SD

- Meter connects with 2, 5, 10, 20, 50, 100, 400 bar sensor
- RS232/USB computer interface.



Pressure Meter Without Transducer

PS-9302

- Meter connects with 2, 5, 10, 20, 50, 100, 400 bar sensor
- Data hold, min./max., RS232/USB.



Weather Datalogger Humidity/Temp./Pressure



RHT50

- USB interface for data download.
- Records: Humidity / Temp. / Atmospheric pressure.

Manometer, Differential input + DataLogger

- PM-9117SD** 7000mbar
- PM-9112SD** 200mbar
- PM-9110SD** 2000mbar

- Data hold, Memory, RS232/USB
- mbar, PSI, Kg / cm², inch • Hg, mm • Hg, inch • H₂O, meter / H₂O, Atmosphere, kpa.



Humid./Barometer/Temp. Monitor+DataLogger



MHB-382SD

- Humidity: 10 to 95 %RH.
- Temp.: -Humidity: 10 to 95 %RH
- Temp.: 0 to 50.0°C.

Humidity/Barometer/Temp. Meter



PHB-318

- Barometer: 10 to 1100 hPa, mmHg, inHg
- Humidity: 10% to 95% RH Dew
- Temperature: 0 to 50°C/F.

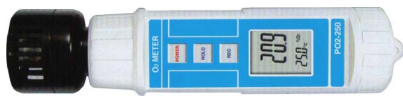
Vane Anemometer Barometer/Humid. Temp.



ABH-4225

- Barometer: 10 to 1100 hPa, mmHg, inHg
- Humidity: 10% to 95% RH Dew
- Temperature: 0 to 50°C/F.

O2 Meter



PO2-250

- O2 (Oxygen in air), Temperature.
- O2 range : 0 to 30.0 % x 0.1 %.
- Temperature. : 0 to 50°C. °C/°F.
- Pen type, easy operation and carryout.
- Data hold.
- Alarm beeper.

CO(Carbon monoxide), Temp. Meter



PCO-350

- CO (Carbon monoxide), Temp.
- CO range: 0 to 1,000 ppm.
- Temperature.: 0 to 50°C, °C/°F.
- Data hold.
- Alarm beeper.
- Pen type, easy operation & carryout.

Gas Detector, Combustible E-Z Flex



EZ40

- Detection of gases: METHANE, ETHANE, PROPANE, BUTANE, NATURAL GAS, Gasoline.
- Visible & audible alarm.

Video Particle Counter with built-in Camera



VPC300

- Channel of Particle Sizes: 0.3, 0.5, 1.0, 2.5, 5.0, 10µm
- Flow Rate: 0.1ft3 (2.83L/min) controlled by internal pump.

CO2/Humidity/Temp. Data Logger



MCH-383SD

- CO2 range: 0-4000 ppm.
- Humidity: 10-90 %RH.
- Temperature: 0-50°C.
- RS232/USB computer interface.

Indoor CO2 Quality Monitor, Desktop



7788

- CO2: 0-9,999 ppm
- Temperature: -10 - 60°C
- Humidity: 0.1-99.9%RH

O2 or CO/Humid./Temp. Data Logger



O2H-9903SD

- Temp. range: 0-50°C
- O2 range: 0-30%

COH-9902SD

- CO range: 0-1,000ppm x 1ppm.
- Temp. range: 0-50°C.

Air Quality Meter + Data Logger



AQ-9901SD

- CO2 range: 0- 4,000ppm / 1ppm.
- O2 range: 0-30.0% / 0.1%.
- CO range: 0-1,000ppm / 1ppm
- Humidity range: 5-95 %RH.
- Temp. range: 0-50°C.

CO2 Meter/Humid./Temp. +Data Logger



CO2-9904SD

- CO2 range: 0-6,000ppm x 1ppm.
- Humidity range: 5 - 95%RH.
- Temp. range: 0-50°C.

Electrosmog Meter



TES-92

- 50MHZ - 3.5GHZ
- For microwave ovens, cellular telephone, communication.
- Alarm.

Geiger Counter



INSPECTOR

- mR/hr: 0.001 - 100.0
- CPM: 0 - 300,000/CPS: 0 - 5,000
- Total: 1 - 9,999,000 counts
- μ Sv/hr: 0.01 - 1,000.

Magnetic Meter AC/DC



MG-3002

MG-3003SD +DataLogger

- DC Range: 300.00 mT/3000.0 mT
- AC Range: 150.00 mT/1500.0 mT
- Resolution: 0.01 mT/0.1 mT, 0.1 G/1 G
- DC polarity: N/S.

Radiation Monitor for Gamma & Beta



TM-91

- Display Range: μ Sv/h 0.5-199.9
- 0.05 - 19.99 mRem/h
- Built-in a GM tube

3 Axis Electrosmog Meter 10MHZ - 8GHZ



TES-593

- 10MHz - 8GHz
- 3 axis isotropic measurement
- High dynamic range
- Alarm, 99 memory function.

Electromagnetic Field Tester



EMF-822A

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

3 Axis RF Electromagnetic



EMF-819

- 50KHz-100MHz.

EMF-839

- Two probes included: 100MHz-3GHz, 100KHz-100MHz.

3 Axis Magnetic Field Meter



TM-192

- Tesla/Gauss
- 30 - 2000Hz.
- EMF/ELF. 3 Axis
- Max/Min, Hold function.

TM-192D

+Data Logger

MicroWave Leakage Detector



EMF-810

- Operating frequency range: 2.45 GHz \pm 50 MHz
- Measurement range: 0 - 1.999 mW/cm²
- Peak hold function is used to latch the max. measuring value.

RF Field Strength Power Meters



EMF-830

EMF-831SD +Data Logger

- Frequency Range: Wide band, 10 MHz to 8 GHz.

DC/AC Milligauss Meter



GU-3001

- Wide measure range: \pm 3,000 milligauss.
- Resolution: 0.1 mG/1 mG, 0.01 μ T/0.1 μ T.

DC/AC Magnetic Meter



PMG-302

- DC range: 300.00mT/3000.0mT
- AC range: 150.00mT/1500.0mT.

Photo/Contact Tachometer



DT-2230

- Pocket type, easy carryout
- Photo tach: 5 - 99,999RPM.
Contact tach: 0.5 - 19,999RPM
Surface speed: m/min, ft/min.

Laser Photo/Contact Tachometer



DT-2236 DT-1236 Laser

- Photo tach: 5 - 99,999RPM
- Contact tach: 0.5 - 19,999RPM
- Accuracy: 0.05%+1digit.

Battery Power Stroboscope



DT-2339

- Range: 100-15,000RPM
- Uses Xenon tube
- LCD display with backlight.

Pocket Vibration Meter



PVB-820

- Velocity: 0.5-199.9 mm/s
- Acceleration: 0.5-199.9 m/s² or 0.05 - 20.39 g
- Frequency: 10Hz - 1KHz
- Data hold.

Vibration Tachometer +Data Logger



VT-8204

- Velocity: 0.5-199.9 mm/s
- Acceleration: 0.5-199.9 m/s²
- RMS, peak hold, min/max.

Vibration Meter



VB-8200

- Velocity: 200mm/s
- Acceleration: 2000 mm/s².

Vibration DataLogger



VB300

- Record storage, transport or operational data over time
- USB interface for easy set-up and data download.
- FFT function.

Vibration Meter DataLogger, Displacement Measurement



VB-8206SD

- Acceleration: 200 m/s².
- Velocity: 200 mm/s.
- Max hold, peak value, data hold.

4 Channels Vibration Recorder



BVB-8207SD

- Acceleration : 200 m/s².
- Velocity : 200 mm/s.
- Displacement (p-p) : 2 mm.

Waterproof Borescope (5.5mm dia./1m Cable)



BR350

- Cable Length: 1m
- Cable diam.: 5.5mm
- Focus Distance from Object: 1 - 4cm.

High Definition Videoscope Kit



HDV610

- 5.7" color LCD TFT with high definition 640 x 480 resolution
- Mini, high-resolution water-proof (IP57) camera head
- Rugged water & drop proof housing (IP67/2m)
- Non-slip ergonomic handles for ambidextrous use
- SD memory card included to store >14,600 images
- Video recording (up to 4H) with Voice annotation
- AV output for viewing images and video directly on a monitor.

Stopwatch, Big Digit/Backlit Display



365515

- 1/100th seconds resolution for 30 minutes
- 1 sec. resolution up to 24 hours
- 12 or 24 hour clock format.

Stopwatch, Heat Index



HW30

- Temp. range: -10 up to 50°C
- Humid. range: up to 99%.

Industrial Stopwatch



365535

- User-selectable resolutions of 1/100 of a sec., 1/1000 of a min. & 1/100,000 of an hour.

Laser Distance Meter up to 70 Meter



DI-900

- Measuring Range: 0.05M - 70M.
- Resolution: 0.001M.
- Accuracy: ± 1.5 mm.
- Measuring Speed: 0.5 sec.

Countdown Timer With Buzzer



CL-098

CL-106 4 channels

- Digital Stopwatch suitable to be a desk timer.
- Timer Stopwatch (99 Min. 99 Sec).
- Count Down/Up Timer.

Digital Stopwatch/Clock



365510

- Stopwatch counts up to 23 hours 59 min, 59 seconds accurate to ± 3 seconds/day.
- Water resistant.

Milliohm Meter, 4-Wire, Battery



4137MO

- Resolution: up to 1m Ω
- Test Range: 200m Ω - 2k Ω .

Milliohm Meters



MO-2002
MO-2013

- 4 terminal devices for accurate measurement of very low resistance.
- Ideal for measuring the resistance of components precisely.
- Wide measuring range, 20m ohm - 20K ohm, 7 ranges.

Microohm Meter



6237 DLRO

- Resistance Ranges:
Range 0 to 2.000m in steps of 0.000001
0 to 20.00m in steps of 0.00001
0 to 200.0m in steps of 0.0001



Power supply, 80w, switching

382260

- 3-in-1 Lightweight DC Power Supply with 3 selectable ranges
- Performs like 3 power supplies in one
- 4-Digit LED displays.

DC Power Supply 30v/20a Switching/220vac



382276

- Remote Control for output Voltage/Current and On/Off
- Two user-defined Voltage.

3 Phase Rotation Tester



RT-616

- Input: 100-660V AC, 45 to 70 Hz.
- Custom one-chip of microprocessor circuit
- 3 heavy duty alligator clips are included.

AC/DC/MA/TRMS Clamp Meter



PROVA 11

- Up to 30A.
- Resolution: up to 0.1 mA.
- TrueRms Min/Max.

Clamp Meter AC/DC 200A



CM-01

- High Resolution: Up to 10mA.
- Diameter: Φ 23mm.
- One touch Zero for DCA adjustment.
- Large 3 3/4 Digits LCD (4000 counts).

True RMS AC/DC Clamp Meter



CM-07

- High Resolution: DC 10mA, AC 1mA.
- Non-contact Current Frequency Measurement
- Diameter: Φ 23mm.
- One touch Zero for DCA adjustment.
- Large 3 3/4 Digits LCD (4000 counts).

Clamp Meter, Mini, AC/DC W/NCV/Flashlight



MA120

- AC/DC Current: 200A.
- Max Resolution: 100mA/0.1A.

600A AC/DC Clamp



CM-9940

- Design meet IEC 1010 CATIII 600V safety requirement.
- 4000 counts, Auto range & multi-functions.
- Measurement for ACA, DCA, ACV, DCV...

Clamp-on Ground Resistance Tester



PROVA 5601

- Jaw Φ 23 mm.
- 0.025-1500 ohm.
- 0.2 mA-30A.
- 116 sets of memory.

Clamp Meter, Mini, 200/400A AC/DC W/NCV



MA150 MA200

- 18mm jaw opening
- 2000 count backlit LCD display
- Non-contact AC Voltage detector (100 to 600VAC) via clamp tip.

Power Clamp



PROVA 400

- True Power: AC+DC 240 K Watt Measurement
- True RMS ACA 400A, ACV 600V
- DCA 400A, DCV 400V.

Analog Insulation 1000V Tester



1126 IN

- Battery check function.
- AC voltage measurement can be made without depressing the test button.
- IEC/EN 61010-1 CAT III 600V.

Digital Insulation Tester 10,000 Volt



6212A-IN

- Test Voltage: 0.5kV - 10kV
- Accuracy: \pm 3%rdg \pm 1rdt.
- Output Current Limit: 50uA - 100uA.
- Operating Temp.: 0°C - 40°C.

Digital Insulation Tester 5,000 Volt



4103IN

- Test Voltage: up to 5000V
- Smart microprocessor controlled
- Four insulation test voltages
- Insulation resistance auto ranging on all ranges.

Insulation Tester, 1,000 Volt



TES-1600

- 2000M W /1000V, 200M W /500V, 200M W /250V.
- Resolution MegOhms: Up to 0.1 M Ω .

Loop Tester



TES-1800

- Range: 20/200/2000 Ohm
- Lowest resolution: 0.01 Ohm
- Accuracy: $\pm(2\%+2\text{digit})$ at 1 Ohm on 20 Ohm range.
- Voltage Display: $\pm 2\%+ 1\text{digit}$.

Digital Earth Resistance Tester



ST-1520

- Resistance ranges: 20 Ω /200 Ω /2000 Ω
- Basic Accuracy: $\pm(2\%rdg+2d)$.

HandHeld Oscilloscope Build in Video Help



HAN-DSO1062BV

- 2G SD flash memory.

Professional LCR Meter



LCR-9184

- 19999/1999 counts dual LCD display
- Auto LCR smart check and measurement.

Tone Generator & Amplifier Kit



40180

- Insulated inductive probe tip prevents shorting conductors
- Tests include wire trace, continuity test, clear/busy/ringing line test & tip/ring identification.

BenchTop Oscilloscope Build in Video Help



HAN-DSO5072P

- 2G SD flash memory.

Megohmmeter, Autoranging Digital



380260

- Insulation Resistance: 200M Ω , 2000M Ω
- Max. Resolution 0.1M Ω
- Basic Accuracy $\pm 3\%$.

Multimeter, Mini, Pocket



DM110

- Large high contrast 4000 count LCD display
- Auto Power off to conserve battery life
- Autoranging with Relative and Data Hold
- Diode Test and Continuity Beeper.

Electric Saving Testers



**RT-606
RT-608**

for motors

- 3 phase rotation tester: 7mA
- Motor rotation field tester: 14mA.
- Size: 100x50x25 / 150x85x40mm.
- Weight: 150/230g.

Battery Capacity Tester



TES-33

- Test Condition Without Shutting Down Battery.
- Simultaneously Measure Battery Resistance, Voltage, Current, Temperature.

Multimeter, Multipro Professional



MP510A

- High basic DC Voltage accuracy of 0.08%
- Wide AC Voltage bandwidth of 40Hz to 20kHz.

Function Generator 3MHz



FG-2003

- Frequency: 0.5Hz - 3MHz.
- Max. resolution: 0.001Hz.
- Power consumption: 25W.