

# Special Function Meter

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## MS7212 Multi Functions Process Calibrator



### FEATURE:

Measure V,mA, ,Frequency,Temperature,40000 reading max

Source V,mA,Frequency,high resolution,voltage and current is scaled up in 0 to 99 steps, and output echelon voltage and current

With PC photoelectricity interface, transfer the results to a PC, save and print transfered data and data waveform in special software

With measure and source two functions, show and control in double display

32 function keys and numeric keys, setup and modify source value by numeric keys in source mode

Output power : 15V 25mA

Power supply : 8 X 1.5V AA,1 X 6F22(9V)

Size : 224 X 172 X 59 mm

# Special Function Meter

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## MS6503 HUMIDITY TEMPERATURE METER



### Specifications:

ACCORD WITH IEC1010 STANDARD

NUMERICAL DISPLAY: 4 DIGITAL LIQUID CRYSTAL DISPLAY

HUMIDITY: 0% ~ 100%RH

TEMPERATURE:-20% ~ 60% , -4 ~ 140

RESOLUTION: HYMIDITY 0.1%RH, TEMPERATURE: 0.1 , 0.1

ACCURACY: HYMIDITY $\pm$ 2.5%RH(at 25 ), TEMPERATURE $\pm$ 0.7 ,  $\pm$ 1.4

RESPONSE TIME: HYMIDITY 75S,TEMPERATURE 40S IN SLOWLY MOVING AIR

RS232 INTERFACE

DATA HOLD

MAX/MIN VALUE MEASUREMENT

AUTO POWER OFF

BACKLIGHT

POWER: ONE 9V BATTERY 006P OR IEC 6F22 OR NEDA 1604,9VDC/30mA MINIMUM PLUG AC

ADAPTER,DIAMETER: 3.5mm X 1.35mm

DIMENSION: 183 X 74 X 33mm (METER),208 X 15mm(SENSOR PROBE)

WEIGHT: APPROX. 330g

# Special Function Meter

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## TL-01 Digital Line Tester



Designed to international safety standard IEC1010, CATIII1000V

Data Hold, Back Light

Display: 2000 Counts, digit is 28mm high

Shunt ( 0.4mm): 200m/2Km/10Km $\pm$ 5.0%

Shunt ( 0.5mm): 200m/2Km/10Km $\pm$ 5.0%

Disconnection: 200m/2Km/10Km $\pm$ 5.0%

DC Voltage: 200m/2/20/200V $\pm$ 0.5%, 1000V $\pm$ 0.8%

AC Voltage: 200m/2/20/200V $\pm$ 1.0%, 1000V $\pm$ 1.2%

Resistance: 200M  $\pm$  5.0%

Power supply: 9V 6F22 X 1

Size : 192 X 82 X 36 mm

Weight: 280g

# Special Function Meter

## MS6231 Digital Engine Analyzer

Designed to international safety standard IEC1010,CATIII1000V, CATIII600V

Auto Range

MAXIMUM Value Measurement

Data Hold,Back Light

Display : 2000 Counts , Digit is 16mm high

DWELL : 4/6/8CYL±3

TACH : 4/6/8CYL±2%

DC Voltage : 200m/2/20/200V/600V±0.7%

AC Voltage : 200m/2/20/200V/600V±0.8%

DC Current : 2/10A±2.0%

AC Current : 2/10A±3.0%

DC Current (With Clamp,Optional) : 200/200A(0.1mV/0.1A)±1.2%

AC Current (With Clamp,Optional) : 200/200A(0.1mV/0.1A)±1.5%

Resistance : 200/2K/20K/20K/2M ± 1.2%,200M ± 2.0%

Temperature : -20 ~ 1000 ± 3.0%,0 ~ 1800 ± 3.0%

Continuity,Diode Test

Power Supply : 1.5V AAA X 3

Size : 158 X 74 X 31 mm

Weight : 220g



## MS6230 Digital Engine Analyzer

Designed to international safety standard IEC1010,CATIII1000V, CATIII600V

Data Hold,Back Light

Display : 2000 Counts , Digit is 16mm high

DWELL : 3/4/6/8CYL±3

TACH : 3/4/6/8CYL±2%

DC Voltage : 200m/2/20/200V±0.5%,1000V±0.8%

AC Voltage : 200m/2/20/200V±1.0%,700V±1.2%

DC Current : 10A±2.0%

DC Current(With Clamp,Optional) : 200A(0.1mV/0.1A)±1.2%

Resistance : 200/2K/20K/20K/2M/20M ± 1.0%,200,2000M ± 5.0%

Temperature : -20 ~ 1000 ± 3.0%,0 ~ 1800 ± 3.0%

Continuity,Diode Test

Power Supply : 9V 6F22 X 1

Size : 185 X 84 X 38 mm

Weight : 290g



# Special Function Meter

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## MS5209 MS5209 Earth Resistance Tester



### Measuring ranges:

Earth resistance 10/100/1000  $\Omega$  , Earth voltage 30V AC(5K  $\Omega$  /V approx.)

### Accuracy:

Earth resistance : Within  $\pm 5\%$  of full scale, Earth voltage Within  $\pm 5\%$  of full scale

### Measurement System:

Earth resistance By constant current inverter. 800Hz approx. 2mA earth voltage by rectifier type 5K  $\Omega$  approx. 40 to 500Hz

### Withstand voltage:

1500V AC for on minute between electrical circuit and housing case.

### Safe-Check facility:

Lead wire connection to C and P terminals and proper auxiliary earth resistance can be checked by pressing "BATT.CHECK" button,"OK" lamp is illuminated.

### Power Source:

8 pcs 1.5V AA battery or equivalent.

### Dimension:

135 X 135 X 80 mm

### Weight :

approx. 800g (include battery)

# Special Function Meter

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## M2234A Portable Digital Tachometer



### Features:

The Meter is a Digital Photo tachometer. Measuring RPM is safe and accurate without attachment to object. It has wide measuring range and high resolution. The last value/max. Value/min. Value will be automatically store in memory and can be obtained by pressing MEMORY CALL BUTTON.

Test Range : 5 ~ 99999 RPM $\pm$ 0.05%

Sampling Time : 1 SEC.(Over 60RPM)

Test range select : Automatic

Memory : Max、 Min

detecting : 50 ~ 150mm/2 ~ 6 inch(max.300mm/12 inch)

Max display/LCD Size: 99999/18.5 X 48 mm

Dimension : 72 X 190 X 38 mm

Weight : 250g

# Special Function Meter

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## MS6610 Digital Luxmeter



Display : 2000 Counts , Digit is 13mm high

Ranges : 0 ~ 2000Lux±5% , 2000 ~ 1999Lux±5% , 20000 ~ 50000Lux±5%

Photo Dectector : One Silicon Photo Diode With Filter

Photo Dectector Lead Length : 150cm(Approx.)

Photo Dectector Size: 83 X 52 X 20.5 mm

Data Hold

Power : 6F22(9V) X 1

Size : 125.5 X 72 X 27mm

Weight : 180g(include battery)

# Special Function Meter

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## MS6500/MS6501 Digital Thermometer

MS6500:

2000 Counts, Digit is 13mm high

Input: K Type thermocouple

Measuring Range: -50 to 750

Data Hold

Resolution: 1, 1

Centigrade:

-50 to -406, -39 to -205

-19 to 03, 0 to 5000.75%

501 to 7501%

Fahrenheit:

-58 to -47, -3 to -324

32 to 9322%, 933 to 13821%

Power: 6F22(9V) X 1

Size: 125.5 X 72 X 27mm

Weight: Approx. 145g (include battery)



MS6501:

2000 Counts, Digit is 13mm high

Input: K Type thermocouple

Measuring Range: -50 to 200

Data Hold

Resolution: 0.1, 1

Centigrade:

-50 to -406, -40 to -203

-20 to 02, 0 to 1001

100 to 1203, 120 to 1505

Fahrenheit:

-58 to -48, -3 to -324

33 to 2122, 213 to 3024

Power: 6F22(9V) X 1

Size: 125.5 X 72 X 27mm

Weight: Approx. 145g (include battery)



# Special Function Meter

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## MY-6013A Portable Digital Instrument



### Features:

This digital capacitance meter gives a direct reading of capacitance on a 2000 Counts digit LCD display. Its external knob adjustments of the zero value of the display, light weight and small size have made it a truly portable instrument.

### Specifications:

Capacitance: 200pF/2nF/20nF/200nF/2F/20F/200F0.5%,2000F1.0%,20mF2.0%

LCD Size: 30 X 60mm

Dimension Size: 91 X 189 X 31.5mm

Weight: Approx. 210g

# Special Function Meter

## MS5202 Digital Analogue Insulation Tester



Design according to the EN61010/IEC1010CATII5000V

Battery Powered

Analog and Digital display

Inner battery test function is provided

Double test switch is to avoid incorrect operation

Unique design is to protect inner circuit from wet and cankerous air

The instruments test insulation up to 100000M at 2500V

Insulation resistance accuracy (analog display) : 100 ~ 500M  $\pm 2.5\%$  of ARC, 0 ~ 100M / 50000 ~ 100000M  $\pm 3.0\%$  of ARC

Output voltage (digital display) : 2500V $\pm 5\%$ (100 ~ 50000M )

Power : 8 x1.5V AA , 1x9V 6F22

Size : 225 X 135 X 81 mm

Weight : 1000g

# Special Function Meter

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## MS5201 Digital Insulation Tester



\* Data Hold

\* Sound and Flash Alarming

\* Display : 1999 Counts, Digit is 22mm High

\* Insulation Resistance : 200MW/250V $\pm$ 3.0% / 200MW/500V $\pm$ 3.0% / 0 -1000MW/1000V $\pm$ 3.0% / 1000 - 2000 MW/1000V $\pm$ 5.0%.

\* DC Voltage : 1000V $\pm$ 0.8%

\* AC Voltage : 700V $\pm$ 1.5%

\* Resistance : 200W $\pm$ 1.2%

\* Continuity Test

\* POWER : AA $\times$ 6

\* SIZE : 190 $\times$ 82 $\times$ 36mm

\* WEIGHT : APPROX. 380g

# Special Function Meter

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MS6100 Intelligentized Digit instrument



This is an intelligentized multiple function counter. It is controlled by an 8-bit micro-controller and with eight-digit led high bright display. Four measuring functions of frequency, period, totalize and self-check are involved in this counter. Otherwise there is a 10MHz OSC. Out. Two kinds of power 110VAC and 220VAC can be supplied to the instrument,. User can conveniently select it. The instrument has been designed according to IEC 1010-1 concerning safety requirements.

Frequency:

Channel A : 10 ~ 100MHz

Channel B: 100MHz ~ 1.3GHz

Accuracy: +/- 1 count +/-Time base error x Frequency

Time base error: Frequency: 8MHz,

Period: 0.1S ~ 0.1uS(10Hz to 10MHz)

Totalize measurements : 10Hz ~ 100MHz

Data Hold

Self check

10MHz OSC.OUT

Power: 110/220VAC

Size: 300x260x74mm

Weight: approx. 1850g

# Special Function Meter

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## MY6243 Digital Inductance/Capacitance Meter



- Inductance : 200pF/2nF/20nF/200nF/2  $\mu$  F/20  $\mu$  F/200  $\mu$  F $\pm$ 2.0%
- Capacitance : 2n/20n/200mH $\pm$ 2.0%,2H $\pm$ 5.0%
- Display : LCD 视窗 : 30 X 60mm
- Size : 91 X 189 X 31.5mm
- Power : 6F22 (9V) X 1
- Weight : 约 300g