

طراحی ایده، فناوری، هوشمند

PEAKMETER®



VOL. 103

2024-2025 PRODUCTS CATALOG

Intelligent Team
Smart Products
Innovative Manufacturer

PEAKMETER®

2024-2025 PRODUCT MANUAL





PEAKMETER®
Professional Manufacturing Technology Leader



COMPANY

>>> INTRODUCTION

As the exclusive representative of peak meter products in Iran, Arvin Fan Avar Company is proud to help researchers and industrialists in the field of providing quality measurement products and equipment. All products of this brand have eighteen months warranty and 3 years after sales service.

Peakmeter product lines are beneficial for customers in both domestic and overseas market with strict quality standards. Our quality management system is based on a commitment to continual development and is certified to International Electrotechnical Commission (IEC) safety standards and 1S09001 standards. Our products are approved by EU's CE (EMC/LVD), ROHS, REACH and other related regulations.

Peakmeter has launched services and sale center in both China and Hong Kong. The overseas distribution and partnership network are located in EU, USA, Brazil, Iran and Russia. From industrial electronic installation, maintenance and service, to daily household needs. The well-established distribution and service network in both domestic and overseas market are committed to create maximum value for customers by providing timely solutions and services.

In order to create maximum value for customers, Peakmeter focuses on a strategy of customer-oriented innovation. The market-leading R&D center is aiming to deliver competitive and cost-effective solutions for customers by developing in technologies, products and services. Peakmeter is aiming to continuously meet and improve our customer's satisfaction.



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The MS2308 series is an advance intelligent Earth Resistance Tester. It has been designed to measure the following grounding resistance: grounding which connects conductive parts of electrical devices/facilities in power systems; building to earthing poles through grounding; working ground (used to be operated normally in the electrical apparatus of power system); protective grounding (used in the metal case of electrical facilities, the structure of power distribution unit, power transmission poles/towers, signal transmission poles/towers, used to protect people/facility from electric damage); electrostatic grounding (used to protect the inflammable/explosive goods from electrostatic risks); earthing electrode (the conductive metal which is immersioned in the soil, make sure it contacts well with the earth); ground wire (conductive metal which is connected between the ground terminals of electrical devices/facilities and earthing electrode); grounding grid (large grounding unit, consisted of vertical & horizontal earthing electrode used in the power plant/substation, and contributes discharge function, voltage-sharing function) and other grounding devices. The rated AC voltage of the power generation/transmission/transformation/distribution devices should be used under 500KV when measuring by the tester.

Features

- Test voltage have 20V/48V choice.
- 2 pole resistance measurement
- 3 pole & 4 pole earth resistance measurement.
- 4 pole soil resistivity testing.
- Current Clamp selection method is used to measuring earth resistance without breaking grounding connection.
- Double clamp without auxiliary electrode is used to fast measuring grounding resistance.
- Auto and manual control the test frequency have 94Hz, 105Hz, 111Hz, 128Hz four frequency provide choice. Automatic frequency control (AFC) is automatically identified interference frequency and then selected the proper measurement frequency, so that reduced the affect of interference voltage.
- Automatically measuring the interference voltage and the leakage current.
- Alarm limit value
- Auto power off
- Clock display
- Low battery indication
- Support 100 data storage, data transmission to PC by USB interface

SPECIFICATIONS

	RANG	MS2306	MS2307	MS2308
3 Pole & 4 Pole	Voltage: AC20V/48V	✓	✓	✓
	Frequency: 94Hz/105Hz/111Hz/128Hz/AFC	94Hz/128Hz	✓	✓
	Range	0.1Ω-20kΩ	0.1Ω-30kΩ	0.02Ω-300kΩ
	Accuracy	±(5%+10)	±(5%+10)	±(5%+10)
3 Pole & 4 Pole With Current Clamp	Voltage: AC20V/48V		✓	✓
	Frequency: 94Hz/105Hz/111Hz/128Hz/AFC		✓	✓
	Range		0.1Ω-10kΩ	0.02Ω-20kΩ
	Accuracy		±(5%+10)	±(5%+10)
Double Clamps	Voltage: AC48V		✓	✓
	Frequency: 94Hz/105Hz/111Hz/128Hz/AFC		✓	✓
	Range		0.1Ω-15kΩ	0.02Ω-150Ω
	Accuracy		±(10%+10)	±(10%+10)
R-2 Pole	Voltage: AC20V	✓	✓	✓
	Frequency: 94Hz/105Hz/111Hz/128Hz/AFC	94Hz/128Hz	✓	✓
	Range	0.1Ω-20kΩ	0.1Ω-30kΩ	0.02Ω-300kΩ
	Accuracy	±(5%+10)	±(5%+10)	±(5%+10)
R-2 Pole or 4 Pole	Voltage: DC28V		✓	✓
	Range		0.1Ω-3kΩ	0.02Ω-3kΩ
	Accuracy		±(5%+10)	±(5%+10)
	Noise Voltage Range	1-50V DC/AC	±(5%+5)	±(5%+5)
Noise Frequency Range	16Hz-40Hz	±(1%+10)	±(1%+10)	±(1%+10)
Noise Current Range	20mA-2A	±(5%+5)	±(5%+5)	±(5%+5)
Soil Resistivity	Voltage: AC20V/48V	✓	✓	✓
	Frequency: 94Hz/105Hz/111Hz/128Hz/AFC	94Hz/128Hz	✓	✓
	Range: 0.02Ω-1000kΩm	±(5%+10)	±(5%+10)	±(5%+10)
RK (Compensation Measurement for wire resistance)	Voltage: AC20V/48V	✓	✓	✓
	Frequency: 94Hz/105Hz/111Hz/128Hz/AFC	94Hz/128Hz	✓	✓
	Range	0.1-30Ω	0.1-30Ω	0.02-30Ω
	Accuracy	±(3%+10)	±(3%+10)	±(3%+10)
Test Circuit Current		≤100mA	≤100mA	≤250mA
USB Interface		✓	✓	✓
Back Light		✓	✓	✓
Data Storage		100 Groups		

GENERAL

Power Supply	10×1.5V LR14 Batteries
Size	285mm x 230mm x 125mm
Weight	Approx. 2100g
Safety Standard/Rating	EN61010-1, EN61557-3, EN61326-1 CAT.III 300V





SPECIFICATIONS

	RANGE	ACCURCY	RESOLUTION
Resistance	0.01Ω ~ 0.999Ω	±(1.5%+0.01Ω)	0.001Ω
	1Ω ~ 9.99Ω	±(1.5%+0.1Ω)	0.01Ω
	10Ω ~ 99.9Ω	±(2.0%+0.3Ω)	0.1Ω
	100Ω ~ 199.9Ω	±(3.0%+1Ω)	1Ω
	200Ω ~ 400Ω	±(6.0%+5Ω)	5Ω
	400Ω ~ 500Ω	±(10%+10Ω)	10Ω
Current	500Ω ~ 1200Ω	approx.20%	20Ω
	100mA	±(2.5%+1mA)	0.1mA
	300mA	±(2.5%+2mA)	0.3mA
	1A	±(2.5%+0.003A)	0.001A
	3A	±(2.5%+0.01A)	0.003A
	10A	±(2.5%+0.03A)	0.01A
	20A	±(2.5%+0.05A)	0.03A
	30A	±(2.5%+0.5A)	0.03A
40A	±(10%+0.5A)	0.03A	

FEATURE

Auto Ranging	✓
Display	9999 Counts
Data Logging And Recall	99 Groups
Alarm Limit Setting	Setting Alarm Threshold In 1Ω to 100Ω
Low Battery Display	✓
Data Hold	✓
Jaw Opening	45mm x 32mm/1.8" x1.3

GENERAL

Power Supply	9V 6LR61 Battery
Product Size	55mmx 96 mmx270mm
Product Weight	Approx.1018g
Safety Standard/Rating	EN61010-1,EN61557-3,EN61326-1 CAT.II 600V

SPECIFICATIONS

	RANGE	ACCURCY	RESOLUTION
Earth Ground Resistance	0Ω ~ 29.99Ω	±(2%+6dgt)	0.01Ω
	30Ω ~ 99.9Ω	±(3%+3dgt)	0.1Ω
	100Ω ~ 999Ω	±(3%+3dgt)	1Ω
	1.00kΩ ~ 4.00kΩ	±(3%+3dgt)	10Ω
Earth Voltage	0V ~ 600V(50/60Hz)	±(1%+5dgt)	0.1V

FEATURE

Digital Display & Analog Bars Display
2 Pole and 3 Pole Mode
Earth Resistance By Constant Current Inverter 800Hz/3mA
MAX/MIN/AVG/REL
Measurement Functions
Data Logging:100 group
Display Back Light
Low Battery Indication

GENERAL

Power Supply	6x1.5V AA Battery
Product Size	194mm x 150mm x72mm
Product Weight	Approx. 856 g
Safety Standard/Rating	EN61010-1,EN61567-3,EN61326-1 CAT.IV 600V



NEW



INSULATION TESTERS

Features

- Checking the insulation of high-voltage electrical equipment (electric motor, transformer and cable, etc)
- Test Voltage from 250V ~ 5000V
- Insulation Resistance up to 5 TΩ
- Short Current up to 3mA
- Auto Calculate PI (Polarization Index) and DAR (Dielectric absorption ratio)
- Step-Voltage Measurement
- Temperature measurement
- Temperature compensation for insulation Test
- Leakage Current measurement
- Data Storage function
- Timer Function


SPECIFICATIONS

Rated Voltage	250V	500V	1000V	2500V	5000V
Range	0.0MΩ~250GΩ	0.0MΩ~500GΩ	0.0MΩ~1000GΩ	0.0MΩ~2.50TΩ	0.0MΩ~5.00TΩ
Open Circuit Voltage	DC250V 100%~120%	DC500V 100%~120%	DC1000V 100%~120%	DC2500V 100%~120%	DC5000V 100%~120%
Output Current (Specified Load)	250kΩ Under Load : 1mA~1.2mA	500kΩ Under Load : 1mA~1.2mA	1MΩ Under Load : 1mA~1.2mA	2.5MΩ Under Load : 1mA~1.2mA	5MΩ Under Load : 1mA~1.2mA
Accuracy	0.0MΩ~9.99GΩ: ± (5%+3) 10.0GΩ~50.0GΩ: ± (10%+5) 50.1GΩ~250.0GΩ: ± (20%+10) (> 50.0GΩ Humidity ≤ 50%RH)	0.0MΩ~9.99GΩ: ± (5%+3) 10.0GΩ~50.0GΩ: ± (10%+5) 50.1GΩ~500.0GΩ: ± (20%+10) (> 50.0GΩ Humidity ≤ 50%RH)	0.0MΩ~9.99GΩ: ± (5%+3) 10.0GΩ~100.0GΩ: ± (10%+5) 101.0GΩ~500.0GΩ: ± 20% 501.0GΩ~1000.0GΩ: (> 50.0GΩ Humidity ≤ 50%RH)	0.0MΩ~9.99GΩ: ± (5%+3) 10.0GΩ~100.0GΩ: ± (10%+5) 101.0GΩ~500.0GΩ: ± 20% 501.0GΩ~2.50TΩ: (> 100GΩ Humidity ≤ 50%RH)	0.0MΩ~9.99GΩ: ± (5%+3) 10.0GΩ~100.0GΩ: ± (10%+5) 101.0GΩ~1.00TΩ: ± 20% 1.01TΩ~5.00TΩ: (> 100GΩ Humidity ≤ 50%RH)
Short-Circuit Current	Approx. 3.0mA				
Voltage Measurement	Voltage Type	Test Scope		Resolution	Accuracy
	ACV	30~600V(50/60Hz)		1V	± (2% + 3)
	DCV	±30~±600V		1V	± (2% + 3)





SPECIFICATIONS

	SOURCE OUTPUT VOLTAGE	MEASURING RANGE
Insulation Tests	50V(0% - +20%)	0.01MΩ-200MΩ (±3%+5)
		200MΩ-500MΩ (±5%+5)
	100V(0% - +20%)	0.01MΩ-200MΩ (±3%+5)
		200MΩ-1GΩ (±5%+5)
	250V(0% - +20%)	0.01MΩ-250MΩ (±3%+5)
		250MΩ-2.5GΩ (±5%+5)
	500V(0% - +20%)	0.01MΩ-500MΩ (±3%+5)
		500MΩ-5GΩ (±5%+5)
	1000V(0% - +20%)	0.01MΩ-1GΩ (±3%+5)
		1GΩ-5GΩ (±5%+0.1GΩ)
5GΩ-30GΩ (±10%+0.2GΩ)		
Short Circuit Current	Approx. 1.8mA	10GΩ-30GΩ (±20%+0.2GΩ)
		30GΩ-100GΩ (±30%+0.3GΩ)
Multimeter Functions	Approx. 1.8mA	DC Voltage Test 0.1-1000V± (0.5% +5)
		AC Voltage Test 0.1-750V± (1.5% +5)
		Resistance Test 0.01-200Ω (±1.0% +5)

FEATURE

Features	
	Auto Calculate PI and DAR
	Store /Load Function
	Compare Function
	Auto Discharge for Capacitive Load
	Timer Function for Insulation Test
	Lock Function for Insulation Test
	Low Battery Indication
	DCV and ACV Test
	Continuity Test
	Auto Power Off
	Digital And Analog Display

GENERAL

Power Supply	6x1.5V AA Batteries
Product Size	190mm x 145mm x70mm
Product Weight	Approx. 855g
Safety Standard/ Rating	EN61010-1, EN61557-1, EN61326-1 CAT.III 1000V/CAT.IV 600V



SPECIFICATIONS

	SOURCE OUTPUT VOLTAGE	MEASURING RANGE
Insulation Tests	250V(0% - +20%)	0.01MΩ~1000MΩ ±(3%+5)
		1GΩ~2.5GΩ ±(5%+5)
	500V(0% - +20%)	0.01MΩ~1000MΩ ±(3%+5)
		1GΩ~5GΩ ±(5%+5)
	1000V(0% - +20%)	0.01MΩ~1000MΩ ±(3%+5)
		1GΩ~10GΩ ±(5%+5)
	2500V(0% - +20%)	0MΩ~2000MΩ ±(3%+5)
		2000MΩ~20GΩ ±(5%+0.2GΩ)
		20GΩ~100GΩ ±(10%+2GΩ)
		100GΩ~200GΩ ±(30%+2GΩ)
Short Circuit Current	Approx. 3mA	
Multimeter Functions	DC Voltage Test	0.1-1000V± (0.5% +5)
	AC Voltage Test	0.1-750V± (1.5% +5)
	Continuity Test	0.01-200Ω ±(1.0% +5)

FEATURE

	Auto Calculate PI and DAR
	Store /Load Function
	Compare Function
	Timer Function for Insulation Test
	Lock Function for Insulation Test
	DCV and ACV Test
	Continuity Test
	Auto Power Off
	Digital And Analog Display

GENERAL

Power Supply	6x1.5V AA Batteries
Product Size	190mm x 145mm x70mm
Product Weight	Approx. 893g
Safety Standard/ Rating	EN61010-1, EN61557-1, EN61326-1 CAT.III 1000V/CAT.IV 600V





SPECIFICATION		
	Output Voltage	Range
Insulation Resistance Measurement	100V (1.0-1.2mA) @100kΩ	0.01MΩ-249MΩ ± (3%+5)
		0.25GΩ-2.49GΩ ± (10%+5)
		2.5GΩ-10.0GΩ ± (20%)
	250V (1.0-1.2mA) @250kΩ	0.01MΩ-249MΩ ± (3%+5)
		0.25GΩ-2.49GΩ ± (10%+5)
		2.5GΩ-25.0GΩ ± (20%)
	500V (1.0-1.2mA) @500kΩ	0.01MΩ-249MΩ ± (3%+5)
		0.25GΩ-29.9GΩ ± (10%+5)
		30GΩ-50GΩ ± (20%)
	1000V (1.0-1.2mA) @1MΩ	0.01MΩ-249MΩ ± (3%+5)
		0.25GΩ-29.9GΩ ± (10%+5)
		30GΩ-100GΩ ± (20%)
2500V (1.0-1.2mA) @2.5MΩ	0.01MΩ-249MΩ ± (3%+5)	
	0.25GΩ-29.9GΩ ± (10%+5)	
	30GΩ-300GΩ ± (20%)	
Continuity resistance	open-circuit voltage : 4.8-5.3V MAX current: >200mA	0.00Ω-9.99Ω ± (1.5%+5)
		10.0Ω-99.9Ω ± (1.5%+5)
		1.0KΩ-300Ω ± (1.0%+5)
Voltage	DC Voltage	20-750V (50/60Hz) ± (2%+3)
	AC Voltage	±20~±1000V ± (2%+3)

FEATURE	
Display	Double display
Auto Power Off	✓
Continuity resistance measurement	✓
AC voltage measurement	✓
Low Battery Indication	✓
Clear function	Clear the base when measuring continuous resistance
Backlight	✓
Data storage	✓
Start calculation	Automatically calculate PI and DAR of the measured object

GENERAL	
Power Supply	6x1.5V AA Batteries
Product Size	190mm x 145mm x 70mm
Product Weight	Approx 893 g
Safety Standard/ Rating	EN61010-1, EN61557-1, EN61326-1 CAT.III 1000V CAT.IV 600V



SPECIFICATIONS				
	OUTPUT VOLTAGE	TEST RANGE	RESOLVING POWER	ACCURACY
Insulation Resistance Measurement	50V (100%~120%)	0.01~50.0MΩ	0.01MΩ	± (1.5%+5)
		50~200MΩ	1MΩ	± (5%+5)
		0.20~1.0GΩ	0.01GΩ	± (10%+5)
	100V (100%~120%)	0.00~100.0MΩ	0.01MΩ	± (1.5%+5)
		100~500MΩ	1MΩ	± (5%+5)
		0.5~2.0GΩ	0.01GΩ	± (10%+5)
	250V (100%~120%)	0.00~200.0MΩ	0.01MΩ	± (1.5%+5)
		200~500MΩ	1MΩ	± (5%+5)
		0.5~5.0GΩ	0.01GΩ	± (10%+5)
	500V (100%~120%)	0.00~500.0MΩ	0.01MΩ	± (1.5%+5)
		0.5~1.0GΩ	0.01GΩ	± (5%+5)
		1.0~10.0GΩ	0.1GΩ	± (10%+5)
1000V (100%~120%)	0.00~1000.0MΩ	0.01MΩ	± (1.5%+5)	
	1.00~10.00GΩ	0.01GΩ	± (5%+5)	
	10~30GΩ	1GΩ	± (10%+5)	
		30~100GΩ	1GΩ	± 20%
Voltage Test	VOLTAGETYPE	TEST RANGE	RESOLVING POWER	ACCURACY
	ACV	1.0~ 600.0V(50/60Hz)	0.1V	± (1.5%+5)
	DCV	0~±600.0V	0.1V	± (1.5%+5)
Low Voltage Measurement		TEST RANGE	RESOLVING POWER	ACCURACY
		0.00~200Ω	0.01Ω	± (2%+5)
Frequency Measurement		TEST RANGE	RESOLVING POWER	ACCURACY
		1~1KHz(Voltage ≥10V)	0.1Hz	± (0.1%+3)

GENERAL	
Power Supply	4 x 1.5V AA Batteries
Product Size	189mm x 93.8mm x 55mm
Product Weight	Approx.368g (not include batteries)
Safety Standard/ Rating	EN61010-1, EN61010-2-032, EN61326, CAT.III, 600V



Insulation Resistance, Continuity Tester

HANDHELD DIGITAL MEGAOHMMETER

UPDATE

SPECIFICATIONS				
	Range	Resolution	Error	Instructions
Moisture Content	0-75.0%	0.1%	±2%	Tree species 1: 0-30.0%
				Tree species 2: 0-35.0%
				Tree species 3: 0-40.0%
				Tree species 4: 0-45.0%
				Paper: 0-75.0%
				Wall: 0-30.0%

FEATURE	
Resolving Power	0.10%
Temperature Compensation	✓ (-10-60°C)
Tree Species Amendment	✓
Data Retention	✓
Max/Min Measured Value	✓
Backlight	✓
Auto Shutdown	✓
Under Voltage Indication	✓

GENERAL	
Power Supply	2x1.5V AAA Batteries
Product Size	134mm X 50mm X 35mm
Product Weight	93g
Safety Standard/Rating	EN61010-1, EN61010-2-032, EN61326, CAT.III 600V



WOOD MOISTURE TESTER

NEW

SPECIFICATIONS			
FUNCTION	RANGE	ILLUSTRATE	ACCURACY
Water Content	2.0%-75%	Type1: 2%-25%	±1.0%
		Type2: 3%-30%	
		Type3: 4%-35%	
		Type4: 5%-40%	
		Paper: 5%-75%	
		Wall: 1.5%-30%	

FEATURE				
Display	Maximum Indication 75%			
	The default or low humidity is green, medium humidity is yellow, and high humidity is red. The backlight can be manually turned off			
Backlight	Types of	Low humidity (green)	Medium wet (yellow)	High humidity (red)
	Type1	≤7.9%	8.0%-11.9%	≥12.0%
	Type2	≤10.3%	10.4%-14.8%	≥14.9%
	Type3	≤12.7%	12.8%-17.6%	≥17.7%
	Type4	≤14.8%	14.9%-20.4%	≥20.5%
	Paper	≤11.9%	12.0%-15.9%	≥16.0%
Wall	≤6.9%	7.0%-9.9%	≥10.0%	

GENERAL	
Power Supply	2x1.5V AAA Batteries
Product Size	136mm X 54mm X 28mm
Product Weight	Approx. 93g



WOOD MOISTURE TESTER



THREE PHASE ROTATION INDICATOR



SPECIFICATIONS

Current Consumption	≤20mA
Operating Voltage	120V-400V AC
Frequency Range	2Hz-400Hz

GENERAL

Power Supply	3x1.5V AA Batteries
Product Size	121mmx66mmx29mm
Product Weight	Approx. 92g
Safety Standard/ Rating	CE CAT III 600V RoHS



DIGITAL POWER CLAMP METER

SPECIFICATIONS

	RANGE	ACCURACY
AC Voltage	0.1-600V	±(1.2%+5)
AC Current	0.01 A-1000A	±(2.0%+5)
Active Power	0.01kW-600kW	±(3.0%+5)
Apparent Power	0.01kVA-600kVA	±(3.0%+5)
Reactive Power	0.01kVAR-600kVAR	±(4.0%+5)
Power Factor	0.3-1	±(0.2%+2)
Active Energy	1kWh-9999 kWh	±(3.0%+2)
Frequency	20Hz-1000Hz	±0.5%

FEATURE

DISPLAY	9999 Counts
AUTO RANGING	√
MAX/MIN	√
DATA HOLD	√
BACK LIGHT	√
JAW OPENING	ø50mm/2.0
LOW BATTERY INDICATION	√
RS232 INTERFACE	√
TRUE RMS	True Root Mean Square Measurement
DATA LOGGING AND RECALL	28 Groups

GENERAL

POWER SUPPLY	4 x 1.5V AA Batteries
PRODUCT SIZE	300mm x 96 mm x 50mm
WEIGHT	Approx. 580g
Safety Standard/ Rating	EN61010-1, EN61010-2-032, EN61326, CAT III 600V





SPECIFICATIONS

	RANGE	ACCURACY
AC Voltage	0.1-600V	±(1.0%+5)
AC Current	0.01A-1000A	±(2.0%+5)
Single-phase Active Power	0.01kW-600kW	±(3.0%+5)
Three-phase Active Power	0.001kW-600kW	±(3.0%+5)
Reactive Power	0.001kVAR-600kVAR	±(3.0%+5)
Power Factor	0.3-1	±(0.02%+2)
Harmonic Measurement 45Hz-65Hz (fundamental frequency)	Harmonic NO.1	±(3.0%+10)
	Harmonic NO.2-6	±(3.5%+10)
	Harmonic NO.7-8	±(4.5%+10)
	Harmonic NO.9-10	±(5.0%+10)
	Harmonic NO.11-15	±(7.0%+10)
	Harmonic NO.16-20	±(10%+10)

FEATURE

Display	6000 Counts
Auto Power Off	✓
Auto Ranging	✓
Data Hold	✓
Display Back Light	✓
Jaw Opening	∅50mm/2.0
Data Logging And Recall	100 Groups
LBD	Low Battery indication
True RMS	True Root Mean Square Measurement
RS232 Interface	✓

GENERAL

Power Supply	4 x 1.5V AA Batteries
Product Size	300mm x 98 mm x 50mm
Product Weight	Approx. 530 g
Safety Standard/ Rating	EN61010-1, EN61010-2-032, EN61326, CAT.III 600V



DIGITAL POWER CLAMP METER



SPECIFICATIONS

RANGE	TEST COVERAGE	ACCURACY	RESOLUTION
X 1/2	0-2000ms(0°/180°)	Test Current: -8%~0% Test Time: ± (1%+3ms)	10/20/30/100/200/300mA 500mA
X 1	0-2000ms(0°/180°) 0-200ms(0°/180°)	Test Current: 0%~+8% Test Time: ± (1%+3ms)	10/20/30/100/200/300mA 500mA
X 2	0-200ms(0°/180°)	Test Current: 0%~+8% Test Time: ± (1%+3ms)	10/20/30/100/200mA
X 5	0-200ms(0°/180°)	Test Current: 0%~+8% Test Time: ± (1%+3ms)	10/20/30/100mA
AUTO RAMP	40%~110% of the Rated Leakage Current, Step by 5%; Test Time: 300ms * 15	Test Current: -2%~+8% Test Time: ± (1%+3ms)	10/20/30/100/200/300mA 500mA
AC Voltage Test	30-440V	±(2%+4)	
Working Voltage	Single Phase: 180V-264V/50Hz Three Phase: 360V-440V/50Hz		

FEATURE

AUTO RAMP	✓
Slope Test	✓
Fault Voltage (UF) Detection	✓
Wiring Inspection	✓
Phase Angle Selection	✓ 0° or 180°
Over Temperature Detection	✓
Low Battery Detection	✓
Automatic Shutdown	✓
Backlight	✓
Storing Data	Store up to 99 Sets of Data
Support Wiring System	Single Phase: Two Wire System/Three Wire System Three Phase: Three Wire System/Four Wire System

GENERAL

Power Supply	6 x AA LR6 Alkaline Battery
Overall Dimensions	200mm X 155mm X 76mm
Weight	Approx. 500g



LEAKAGE SWITCH TESTER

SPECIFICATIONS

	RANGE	ACCURACY	RESOLUTION
Tripping time	x1 IΔN300(slow 500ms) x5 IΔN40ms(slow 150ms)	±3ms	0.1ms
Tripping Current	(0.2-1.1)IΔN	±0.1IΔN	0.05IΔN
Contact Voltage	0-99.9V	±(10%+0.2V)	0.01, 0.1V
Alternating Voltage (U _{1-n} , U ₁₋₁ , U _{1-s})	0-440V	±(3%+3V)	1V
Frequency	DC,45-65Hz	±1Hz	1Hz
Loop Resistance(RL)	0.1-199.9Ω	±(10%+0.2Ω)	0.1Ω
	200-1999Ω		1Ω
	2000-9.99kΩ		0.01kΩ
RL Current Test	0.5 IΔN	±(10%+10Ω)	0.5IΔN
Multiplying Power of Measuring Current	x0.5,x1,x5		
Current Level(IΔN)	10mA,30mA,100mA,300mA,500mA		
Trigger Phase Angle	0° or 180°		



FEATURE

Auto Power Off	✓
Display Back Light	✓
USB2.0 Interface	✓
Low Battery Indication	✓
Data Logging And Recall	1000 Groups

GENERAL

Power Supply	6x1.5V AA Batteries
Product Size	194mm x 150mm x 72mm
Product Weight	Approx. 960g
Safety Standard/Rating	EN61010-1,CAT.IV 600V



NEW

SPECIFICATION

Model	PM701U	PM701E	PM701UT
Test object	AC Charging Station	AC Charging Station	AC Charging Station
Test interface	Complies with SAE J1772 standard	Type2 (European Standard)	NACS (Tesla)
Simulate charging state	A, B, Cord	A, B, Cord	A, B, Cord
PE pre testing	✓	✓	✓
CP test end	✓	✓	✓
Simulate cable resistance	✓	✓	✓
Simulated CP error	✓	✓	✓
Simulated PE error	✓	✓	✓
Electric leakage trip test	>6mA/110V	>6mA/110V	>6mA/110V
Charging output terminal	4mm port/American standard	4mm port/European standard	4mm port/American standard
Support voltage types	Single phase or three phase	Single phase or three phase	Single phase or three phase
Indicator light	✓	✓	✓
Fuse	10A / 250V	10A / 250V	10A / 250V

GENERAL

Protection grade	Case IP54
Safety Standard/Rating	IEC/EN 61010-1, IEC/EN 61010-2-030, CAT III 600V
Testing Protocol Standard	IEC/EN 61851-1, IEC/EN 60364-7-722



DIGITAL MULTIMETERS

SPECIFICATIONS		
	RANG	ACCURACY
DC Voltage	400mV/4V/40V/400V	±(0.5%+2)
	600V	±(0.8%+2)
AC Voltage	400mV/4V/40V/400V/600V	±(1.2%+10)
	400µA/4mA/40mA	±(1.0%+2)
DC Current	400mA	±(1.5%+2)
	4A/10A	±(3.0%+2)
AC Current	4mA/40mA	±(1.0%+5)
	400mA	±(1.5%+5)
Resistance	4A/10A	±(3.0%+5)
	400Ω/4kΩ/40kΩ/400kΩ	±(0.8%+2)
Temperature	4MΩ	±(1.0%+2)
	40MΩ	±(1.0%+5)
	-20°C - 1000°C	±(1.0%+3)
	-4°F - 1832°F	±(1.0%+3)

FEATURE	
Display	4000 Counts
Continuity	✓
Diode	✓
Temperature Test	✓
Battery Test	✓
Auto Power Off	✓
Backlight	✓
Low Battery Indication	✓
Data Hold	✓

GENERAL	
Power Supply	2x1.5V AAA
Size	167.5x87x34mm
Safety Standard/Rating	EN61010-1, EN61010-2-033, EN61326, CAT III 600V



DIGITAL MULTIMETERS




SPECIFICATIONS

	RANGE	ACCURACY
DC Voltage	600mV/6V/60V/600V	±(0.5%+3)
AC Voltage	6V/60V/600V	(<500Hz)±(0.8%+3) (≥500Hz)±(1.5%+10)
DC Current	600µA/6000µA/60mA/600mA 6A/10A	±(0.8%+3) ±(1.2%+3)
AC Current	600µA/6000µA/60mA/600mA 6A/10A	±(1.0%+3) ±(1.5%+3)
Resistance	600Ω/6KΩ/60KΩ/600KΩ/6MΩ 10nF	±(0.8%+3) ±(4.0%+10)
Capacitance	100nF/1000nF/10µF/100µF/10mF 100mF	±(4.0%+3) ±(5.0%+3)
Frequency	9.999Hz/99.99Hz/999.9Hz/ 9.999KHz/99.99KHz/ 999.9KHz/9.999MHz	±(5.0%+3)
Duty	1%~99%	±(2.0%+2)

FEATURE

Counts	6000 Counts
ACV/ACV TRMS	✓
ACV(bandwidth)	1kHz
Frequency	✓
Duty	✓
Live	✓
Capacitance	✓
Continuity	✓
Diode Test	✓
Low Battery Indication	✓
Work Light	✓
NCV	✓
Auto Power Off	✓
Back Light	✓
Flash Light	✓
Input Port Indition Light	✓

GENERAL

Power Supply	4x1.5V AAA Batteries
Weight	Approx.226g
Size	150mmx74mmx48mm
Safety Standard/Rating	EN61010-1,EN61010-2-033, EN61326,CAT.III 600V


SPECIFICATIONS

	RANGE	ACCURACY
DC Voltage	60mV/600mV/6V/60V/600V/1000V	±(0.7%+2)
AC Voltage	60mV/600mV/6V/60V 750V	±(0.8%+3) ±(1.0%+3)
DC Current	600µA/ 6000µA/60mA/600 mA/6A 10A	±(1.2%+3) ±(2.0%+10)
AC Current	600µA/ 6000µA/60mA/600 mA/6A 10A	±(1.5%+3) ±(3.0%+10)
Resistance	600Ω/6KΩ/60KΩ/600KΩ/6MΩ 60MΩ	±(1.2%+5) ±(2.0%+5)
Capacitance	10nF/100nF /1000nF/10µF/100µF/ 1000µF/10mF	±(3.0%+3)
Frequency Duty	9.999Hz/ 99.99Hz /999.9Hz/9.999kHz 99.99kHz/999.9kHz/9.999MHz	±(1.0%+5)
	0.1%~99.9%	±3.0%

FEATURE

Counts	6000 Counts
Noise Test	✓
Illumination Test	✓
Temperature	✓
Thermocouple Temperature Measurement	✓
Time	✓
Continuity	✓
Back Light	✓
Date Hold	✓

GENERAL

Power Supply	4x1.5V AA Batteries
Size	204mm x 94mm x 57mm
Weight	410g
Safety Standard/Rating	EN61010-1,EN61010-2-033, EN61326 , CAT.III 1000V





SPECIFICATIONS

	RANGE	ACCURACY
DC Voltage	6V/60V/600V	±(0.8%+3)
AC Voltage	6V/60V/600V	±(1.2%+3)
Resistance	6kΩ/60kΩ/600kΩ	±(1.0%+3)
	6MΩ/10MΩ	±(1.2%+5)
Capacitance	60nF/600nF/6μF/60μF/600μF/6mF	±(4.0%+5)
Frequency	30~1000Hz	±(0.5%+2)

FEATURE

Display	6000 Counts
Auto Range	✓
Bargraph Display	✓
Continuity	✓
NCV	✓
Live Test	✓
Data Hold	✓
Work Light	✓
Back Light	✓
Auto Power Off	✓

GENERAL

Power Supply	3x1.5V AAA Batteries
Weight	Approx.245g
Size	169mmx81mmx51mm
Safety Standard/Rating	EN61010-1,EN61010-2-033, EN61326,CAT.III 600V



SPECIFICATIONS

	RANGE	ACCURACY
DC Voltage	6V/60V/600V	±(0.8%+3)
AC Voltage	6V/60V/600V	±(1.2%+3)
DC Current	600mA	±(1.0%+3)
AC Current	600mA	±(1.5%+3)
Resistance	6kΩ/60kΩ/600kΩ	±(1.0%+3)
	6MΩ/10MΩ	±(1.2%+5)
Capacitance	60nF/600nF/6μF/60μF/600μF/6mF	±(4.0%+5)
Frequency	30~1000Hz	±(0.5%+2)
Temperature	-20°C~1300°C	±(1.0%+3)
	-4°F~2372°F	±(1.0%+3)

FEATURE

Display	6000 Counts
Auto Range	✓
Bargraph Display	✓
Transistor	✓
Continuity	✓
NCV	✓
HFE	✓
Live Test	✓
Data Hold	✓
Work Light	✓
Back Light	✓
Auto Power Off	✓

GENERAL

Power Supply	3x1.5V AAA Batteries
Weight	Approx.247g
Size	165mmx81mmx51mm
Safety Standard/Rating	EN61010-1,EN61010-2-033, EN61326,CAT.III 600V





SPECIFICATIONS

	RANGE	ACCURACY
DC Voltage	600mV/8V/60V/600V/1000V	± (0.5%+3)
AC Voltage	8V/60V 600V/750V	± (0.8%+3) ± (1%+10)
DC Current	60uA/600uA/6mA/60mA/600mA/ 10A	± (0.8%+3) ± (1.2%+3)
AC Current	60uA/600uA/6mA/60mA/600mA/ 10A	± (1.0%+3) ± (1.5%+3)
Resistance	600Ω/6kΩ/60kΩ/6MΩ 60MΩ	± (0.8%+3) ± (1.2%+30)
Capacitance	6nF 60nF/600nF/6uF/60uF/600uF/6mF 100mF	±(4.0%+30) ±(4.0%+3) ±(5.0%+3)
Frequency	3.999Hz/39.99Hz/399.9Hz/3.999kHz 39.99kHz/399.9kHz/3.999MHz	±(1.0%+3)
Duty	5%~95%	±(2.0%+3)
Temperature	-20°C~1000°C/-4°F~1832°F	±(1.0%+3)

FEATURE

Counts	8000 Counts
ACV/ACA TRMS	✓
ACV (bandwidth)	1kHz
Temperature	✓
Frequency	10MHz
Duty	5%~95%
Resistance	60MΩ
Capacitance	100mF
Continuity	✓ (Sound and LED Alarm)
Diode Test	✓
Low Battery Indication	✓
Work Light	✓ (High,Medium And Low) Sound And LED Alarm
NCV	✓
Auto Power Off	✓

GENERAL

Power Supply	4x1.5V AA Batteries
Weight	Approx. 347g
Size	194mmx90mmx55mm
Safety Standard/Rating	EN61010-1, -2-030,EN61010-2-033 EN61326-1,CAT.II 1000V



SPECIFICATION

	RANGE	ACCURACY	
		PM19C	PM19D
DC Voltage	600mV/6V/60V/600V/1000V	± (0.5%+3)	± (0.5%+3)
AC Voltage	8V/60V 600V/750V	±(0.8%+3) ±(1.0%+10)	±(0.8%+3) ±(1.0%+10)
Resistance	600Ω/6kΩ/60kΩ/6MΩ 60MΩ	±(0.8%+3) ±(1.2%+30)	±(0.8%+3) ±(1.2%+30)
Capacitance	6nF 60nF/600nF/6uF/60uF/600uF/6mF 100mF	±(4.0%+30) ± (4.0%+3) ±(5.0%+3)	±(4.0%+30) ± (4.0%+3) ±(5.0%+3)
Frequency	3.999Hz/39.99Hz/399.9Hz/3.999kHz 39.99kHz/399.9kHz/3.999MHz	±(1.0%+3)	±(1.0%+3)
Duty	5%~95%	±(2.0%+3)	±(2.0%+3)
Temperature	-20°C~1000°C/-4°F~1832°F	±(1.0%+3)	
AC Current	60mA/600mA 10A	±(1.0%+3) ±(1.0%+3)	±(1.0%+3) ±(1.0%+3)
DC Current	60uA/6mA/60mA/600mA/ 10A	±(0.8%+3) ±(1.2%+3)	±(0.8%+3) ±(1.2%+3)

FEATURE

	PM19C	PM19D
Display	8000 Counts	8000 Counts
ACV/ACA TRMS	✓	✓
ACV (bandwidth)	1kHz	1kHz
Temperature	✓	
Frequency	10MHz	10MHz
Duty	5%~95%	5%~95%
Resistance	60MΩ	60MΩ
Capacitance	100mF	100mF
Continuity	✓	✓
Diode Test	✓	✓
HFE	✓	✓
Live Line Test (High, Medium And Low) Sound And LED Alarm	✓	✓
Worklight	✓	✓
Low Battery Indication	✓	✓
NCV (High, Medium And Low) Sound And LED Alarm	✓	✓
Auto Power Off	✓	✓

GENERAL

Power Supply	4x1.5V AA Batteries
Weight	Approx. 346/402g
Size	194mmx90mmx55mm
Safety Standard/Rating	EN61010-1,EN61010-2-033 EN61326,CAT.II 1000V





SPECIFICATIONS	RANGE	ACCURACY	
		PM18	PM18C
DC Voltage	600mV/6V/60V/600V/1000V	±(0.5%+3)	±(0.5%+3)
AC Voltage	6V/60V	±(0.8%+3)	±(0.8%+3)
	600V/1000V	±(1.0%+10)	±(1.0%+10)
DC Current	60µA/60mA/600mA	±(0.8%+3)	±(0.8%+3)
	20A	±(1.2%+3)	±(1.2%+3)
AC Current	60mA/600mA	±(1.0%+3)	±(1.0%+3)
	20A	±(1.5%+3)	±(1.5%+3)
Resistance(Ω)	600/6k/60k/600k/6M	±(0.8%+3)	±(0.8%+3)
	60MΩ	±(1.2%+30)	±(1.2%+30)
Capacitance	6nF	±(4.0%+30)	±(4.0%+30)
	60nF/600nF/6µF/60µF/600µF/6mF	±(4.0%+5)	±(4.0%+5)
Frequency	9.999Hz/99.99Hz/999.9Hz/9.999kHz	±(1.0%+3)	±(1.0%+3)
	99.99kHz/999.9kHz/9.999MHz		
Duty	1%-99%	±(3.0%+5)	±(3.0%+5)
Temperature	-20°C - 1000°C/-4°F - 1832°F		±(1.0%+3)
NFE	0 - 1000	±(1.0%+3)	±(1.0%+3)

FEATURE	PM18	PM18C
Display	6000 Counts	6000 Counts
ACV/ACA TRMS	✓	✓
ACV (bandwidth)	1kHz	1kHz
Temperature	✓	✓
Frequency	10MHz	10MHz
Duty	1%-99%	1%-99%
Resistance	60MΩ	60MΩ
Capacitance	100mF	100mF
Continuity	✓ (Sound and LED Alarm)	✓ (Sound and LED Alarm)
Diode Test	✓	✓
NFE	✓	✓
Live Line Test (High, Medium And Low) Sound And LED Alarm	✓	✓
Work Light	✓	✓
Low Battery Indication	✓	✓
NCV(High, Medium And Low) Sound And LED Alarm	✓	✓
Auto Power Off	✓	✓

GENERAL	
Power Supply	3x1.5V AAA Batteries
Weight	Approx. 331/340g
Size	194mmx90mmx55mm
Safety Standard/Rating	EN61010-1, EN61010-2-033, EN61326, CAT III 1000V / CAT IV 600V



SPECIFICATIONS	RANGE	ACCURACY	
		PM18B	PM18D
DC Voltage	600mV/6V/60V/600V/1000V	±(0.5%+3)	±(0.5%+3)
AC Voltage	6V/60V	±(0.8%+3)	±(0.8%+3)
	600V/1000V	±(1.0%+10)	±(1.0%+10)
DC Current	60µA/60mA/600mA	±(0.8%+3)	±(0.8%+3)
	20A	±(1.2%+3)	±(1.2%+3)
AC Current	60mA/600mA	±(1.0%+3)	±(1.0%+3)
	20A	±(1.5%+3)	±(1.5%+3)
Resistance	600Ω/6kΩ/60kΩ/600kΩ/6MΩ	±(0.8%+3)	±(0.8%+3)
	60MΩ	±(1.2%+30)	±(1.2%+30)
Frequency	9.999Hz/99.99Hz/999.9Hz/9.999kHz	±(1.0%+3)	±(1.0%+3)
	99.99kHz/999.9kHz/9.999MHz		
Duty	1%-99%	±(3.0%+5)	±(3.0%+5)
Capacitance	6nF	±(4.0%+30)	±(4.0%+30)
	60nF/600nF/6µF/60µF/600µF/6mF	±(4.0%+5)	±(4.0%+5)
Temperature	60mF	±(5.0%+3)	±(5.0%+3)
	100mF		
Temperature	-20°C - 1000°C/-4°F - 1832°F		±(1.0%+3)

FEATURE	PM18B	PM18D
Display	6000 Counts	6000 Counts
ACV/ACA TRMS	✓	✓
ACV (bandwidth)	1kHz	1kHz
Temperature	✓	✓
Frequency	10MHz	10MHz
Duty	1%-99%	1%-99%
Resistance	60MΩ	60MΩ
Capacitance	100mF	100mF
Continuity	✓ (Sound and LED Alarm)	✓ (Sound and LED Alarm)
Diode Test	✓	✓
Max/Min	✓	✓
Live Line Test (High, Medium And Low) Sound And LED Alarm	✓	✓
Low Battery Indication	✓	✓
NCV(High, Medium And Low) Sound And LED Alarm	✓	✓
Auto Power Off	✓	✓

Power Supply	3x1.5V AAA Batteries
Weight	Approx. 331/340g
Size	194mmx90mmx55mm
Safety Standard/Rating	EN61010-1, EN61010-2-033, EN61326, CAT III 1000V / CAT IV 600V





DIGITAL MULTIMETERS

SPECIFICATIONS		
	RANGE	ACCURACY
DC Voltage	600mV/6V/60V/600V/1000V	±(0.5%+3)
AC Voltage	600mV/6V/60V/600V 1000V	±(0.8%+5) ±(1.0%+5)
Resistance	600Ω/6kΩ/60kΩ/600kΩ/6MΩ 60MΩ	±(1.0%+3) ±(2.0%+3)
DC Current	600μA/6mA/60mA/600mA	±(0.8%+3) ±(1.2%+3)
AC Current	600μA/6mA/60mA/600mA	±(1.0%+3) ±(1.5%+3)
Frequency	10Hz/100Hz/1kHz/10kHz/ 100kHz/1MHz/10MHz	±(0.5%+5)
Duty Cycle	1%-99%	±(3.0%+2)
K-type Thermocouple Temperature	-40°C ~ 1000°C -40°F ~ 1832°F	±(1.0%+2)

FEATURE	
Auto Range/Manual Range	✓
Backlight	✓
Relative	✓
Flashlight	✓
Max/Min	✓
Triode	✓
Diode	✓
Continuity	✓
NCV	✓
Live Line Test	✓
VDF Measurement	✓
Auto And Manual Range	✓
Data Hold	✓

GENERAL	
Power Supply	3×1.5 VAAA Batteries
Weight	Approx. 380g (not include batteries)
Product Size	194×90×56mm
Security Level	EN61010-1, CAT. III 1000V



SPECIFICATIONS		
	RANGE	ACCURACY
DC Voltage	600mV/6V/60V/600V/1000V 2000V	±(0.5%+3) ±(0.8%+5)
AC Voltage	600mV/6V/60V/600V 1000V 2000V	±(0.8%+5) ±(1.0%+5) ±(1.5%+3)
Resistance	600Ω/6kΩ/60kΩ/600kΩ/6MΩ 60MΩ	±(1.0%+3) ±(2.0%+3)
Capacitance	60nF/600nF/6μF/60μF/ 600μF/6mF	±(4.0%+5)
DC Current	600μA/6mA/60mA/600mA	±(0.8%+3)
AC Current	600μA/6mA/60mA/600mA	±(1.0%+3)
Clamp Current	10mV/A/1mV/A	±(0.5%+3)
Frequency	10Hz/100Hz/1kHz/10kHz/ 100kHz/1MHz/10MHz	±(0.5%+5)
Duty	1%-99%	±(3.0%+2)
K-type Thermocouple Temperature	-40°C ~ 1000°C -40°F ~ 1832°F	±(1.0%+2)

FEATURE	
Display	6000 Counts
Backlight	✓
Relative Measurement	✓
Flashlight	✓
MAX/MIN Measurement	✓
Diode Test	✓
Clamp Current Measurement	60A (10mV/A) - 600A (1mV/A)
Continuity	✓
NCV	✓
Live Line Test	✓
VDF Measurement	✓
Auto And Manual Range	✓
Data Hold	✓
Function	Can be externally connected with clamp head

GENERAL	
Power Supply	3×1.5V AAA batteries
Weight	Approx. 380g (not include batteries)
Product Size	194×90×56mm
Safety Rating	EN61010-1, CAT III 1500V DC



DIGITAL MULTIMETERS



Optional PM3300
or PM3301





SPECIFICATIONS

	RANGE	ACCURACY
DC Voltage	600mV/6V/60V/600V/1000V	±(0.5%+3)
AC Voltage	600mV/6V/60V/600V 1000V	±(0.8%+5) ±(1.0%+5)
Resistance	600Ω/6kΩ/60kΩ/600kΩ/6MΩ 60MΩ	±(1.0%+3) ±(2.0%+3)
DC Current	600μA/6mA/60mA/600mA 10A	±(0.8%+3) ±(1.2%+3)
AC Current	600μA/6mA/60mA/600mA 10A	±(1.0%+3) ±(1.5%+3)
Frequency	10Hz/100Hz/1kHz/10kHz/ 100kHz/1MHz/10MHz	±(0.5%+5)
Duty Cycle	1%~99%	±(3.0%+2)
Clamp DC Current	60A/600A	±(3.0%+10)
Clamp Shaped AC Current	6A/60A/600A	±(2.5%+5)
K-type Thermocouple Temperature	-40°C~1000°C -40°F~1832°F	±(1.0%+2)

FEATURE

Auto Range/Manual Range	✓
Backlight	✓
Relative	✓
Flashlight	✓
Max/Min	✓
Diode	✓
Continuity	✓
Function	Can be externally connected with clamp head
NCV	✓
Live Line Test	✓
VDF Measurement	✓
Low Z	✓

GENERAL

Power Supply	3×1.5 VAAA Batteries
Weight	Approx. 380g (not include batteries)
Product Size	194×90×56mm
Security Level	EN61010-2-030, EN61010-2-032, CAT. III 1000V, CAT. IV 600V



Optional PM3300
or PM3301

DIGITAL MULTIMETERS



SPECIFICATIONS

	RANG	ACCURACY	
		PM8236	PM8236B
DC Voltage	60mV/600mV/6V/60V/600V/1000V	±(0.7%+2)	±(0.7%+2)
AC Voltage	60mV/600mV/6V/60V/600V/ 750V	±(0.8%+3) ±(1.0%+3)	±(0.8%+3) ±(1.0%+3)
DC Current	600μA/6000μA/60mA/600mA 6A/10A	±(1.2%+3) ±(2.0%+10)	±(1.2%+3) ±(2.0%+10)
AC Current	600μA/6000μA/60mA/600mA 6A/10A	±(1.5%+3) ±(3.0%+10)	±(1.5%+3) ±(3.0%+10)
Resistance	600Ω/6kΩ/60kΩ/600kΩ/6MΩ/ 60MΩ	±(1.2%+5) ±(2.0%+5)	±(1.2%+5) ±(2.0%+5)
Capacitance	10nF/100nF/1000nF/10μF/100μF/ 1000μF/10mF	±(3.0%+3)	±(3.0%+3)
Frequency	10Hz/100Hz/1000Hz/10kHz/100kHz/ 1000kHz/10MHz	±(1.0%+5)	±(1.0%+5)
Duty	1%~99%	± 3.0%	± 3.0%
Temperature	-20°C~0°C (-4°F~32°F)	±5.0%reading ro ±3°C/±6°F	±1.0%reading ro ±2°C/±4°F
	0°C~400°C (32°F~752°F)	±1.0%reading ro ±2°C/±4°F	±1.0%reading ro ±2°C/±4°F
	400°C~1000°C (752°F~1832°F)	±2.0%reading	±2.0%reading

FEATURE

	PM8236	PM8236B
Display	6000 Counts	6000 Counts
Auto / Manual Range	✓	✓
Bargraph Display	✓	✓
Relative Measurement	✓	✓
True RMS	✓	✓
MAX/MIN	✓	✓
Interface	USB interface	Bluetooth interface
Data Hold	✓	✓
Diode Test	✓	✓
Transistor	✓	✓
Continuity	✓	✓
Back Light	✓	✓

GENERAL

Power Supply	4×1.5V AA Batteries
Weight	Approx. 359.5g
Size	195mmx93mmx54mm
Safety Standard/Rating	EN61010-1, EN61010-2-033, EN61326, CAT III 1000V



DIGITAL MULTIMETERS



	RANGE	ACCURACY	
		PM8246	PM5318
DC Voltage	600mV/6V/60V/600V/1000V	±(1.0%+3)	
AC Voltage	6V/60V/600V/1000V	±(1.2%+3)	
DC Current	60mA/600mA	±(2.0%+3)	
AC Current	60mA/600mA	±(2.0%+3)	
Frequency	6000Hz/60kHz/600kHz/6MHz	±(1.0%+5)	
Temperature	-20°C~1000°C -4°F~1832°F	±(1.0%+3)	
Inductance	60µH/600µH/60mH/600mH/6H/200H	±(1.0%+5)	±(1.0%+5)
Capacitance	600pF/6nF/60nF/600nF/6µF/60µF/6mF	±(1.0%+5)	±(1.0%+5)
Duty	5% ~ 95%	±3.0%	±3.0%
Resistance	60Ω/600Ω/6kΩ/60kΩ/600kΩ/6MΩ/20MΩ	±(1.0%+5)	±(1.0%+5)
Measuring Frequency	100Hz/120Hz/1kHz/10kHz		
Parameters	L/C/R/DCR/Q/D/B/ESR		
Measuring Voltage	0.5Vrms		

	PM8246	PM5318
Display	6000 Counts	6000 Counts
Dual Display	✓	✓
Measuring Mode	SER/PAL	SER/PAL
Auto Range	✓	✓
Display Test Frequency	✓	✓
Auto Power Off	✓	✓
Data Hold	✓	✓
Relative Mode	✓	✓
Back Light	✓	✓
Diode Test	✓	✓
Continuity	✓	✓
Auto LCR Smart Check And Measuring	✓	✓

GENERAL	
Power	4×1.5V AA Batteries
Weight	Approx 349g
Size	194mm×93mm×55mm
Safety Standard/Rating	EN61010-1, EN61010-2-033, EN61326, CAT III 1000V



	RANG	ACCURACY	
		PM8250	
DC Voltage	600mV/6V/60V/600V/1700V	± (0.8%+3)	
AC Voltage	600mV/6V/60V/600V/1000V	± (1.0%+3)	
DC Current	6mA/600mA	± (1.2%+3)	
AC Current	6mA/600mA	± (1.5%+3)	
Resistance	60Ω/6kΩ/60kΩ/600kΩ/6MΩ	± (1.2%+5)	
Capacitance	60nF/100nF/1µF/10µF/100µF	± (3.0%+5)	
	1mF/10mF	± (4.0%+5)	
	100mF	± (5.0%+5)	
Temperature	-20°C ~ 1000°C / -4°F ~ 1832°F	± (2.0%+2)	
Frequency	10Hz ~ 10MHz	± (1.0%+5)	
Duty	1% ~ 95%	± (3.0%+5)	

	PM8250
Display	6000 Counts
DC Voltage up	1700V
Data Hold	✓
LPF Filtering	✓
Relative Measurement	✓
MAX/ MIN and AC Peak Measurement	✓
Diode Test	✓
Continuity	✓
NCV Non-Contact Voltage	✓
K-Type Thermocouple Temperature Measurement	✓
Back Light	✓

GENERAL	
Power Supply	4x1.5VAA Batteries
Weight	429g (Without Battery)
Size	204(L)x94(W)x57(H) mm
Safety Standard/Rating	EN61010-1, EN61010-2-033, EN61326, CAT III 1000V



NEW



DIGITAL MULTIMETERS

SPECIFICATIONS			
	RANG	ACCURACY	
		PM8237	
DC Voltage	300mV	± (0.1%+5)	
	3V/30V/300V	± (0.05%+5)	
	1000V	± (0.1%+5)	
AC Voltage		40Hz~1kHz	1kHz~10kHz
	300mV	± (1.0%+10)	± (1.5%+30)
	3V	± (0.8%+10)	± (1.2%+50)
	30V	± (0.8%+10)	± (1.2%+50)
	300V	± (0.8%+10)	± (2.0%+50)
	1000V	± (1.2%+10)	± (3.0%+50)
DC Current	300µA/3mA/30mA/300mA	± (0.5%+10)	
	10A	± (1.2%+50)	
AC Current		40Hz~1kHz	1kHz~10kHz
	300µA/3mA	± (0.8%+10)	± (3.0%+50)
Resistance	300Ω/3kΩ/30kΩ/300kΩ	± (0.5%+10)	
	3MΩ	± (0.8%+10)	
	30MΩ	± (1.5%+10)	
Capacitance	30nF/300nF/3µF/30µF	± (3.0%+5)	
	300µF/3mF	± (4.0%+5)	
	30mF	± (10.0%+5)	
Frequency	10Hz~300MHz	± (0.01%+5)	
Duty	0.1%~99.9%	± (2.0%+5)	

FEATURE	
	PM8237
Display	30000 Counts T-RMS
Auto / Manual Range	✓
Bargraph Display	✓
Relative Measurement	✓
True RMS	✓
MAX/MIN	✓
USB Interface	✓
Data Hold	✓
Diode Test	✓
Transistor Test	✓
Continuity	✓
Capacitance Test	✓
AC+DC Voltage Measurement	✓
Back Light	✓

GENERAL	
Power Supply	4×1.5VAA Batteries
Weight	429 g (Without Battery)
Size	204(L)×94(W)×57(H) mm
Safety Level	EN61010-1, EN61010-2-033, EN61326, CAT. III 1000V



NEW

SPECIFICATIONS						
	RANG			ACCURACY		
	PM8225	PM8225A	PM8225B	PM8225	PM8225A	PM8225B
DC Voltage	400mV/4V/40V/400V	200mV/2V/20V	200mV/2V/20V/200V	± (0.8%+2)	± (0.8%+3)	± (0.5%+2)
	600V	200V/600V	600V	± (1.0%+2)	± (1.0%+5)	± (0.8%+2)
AC Voltage	40V/400V/600V	200mV/2V/20V/200V/600V	200mV/2V/20V/200V/600V	± (1.2%+10)	± (1.2%+5)	± (1.0%+3)
DC Current	400µA/4mA/40mA	200µA/2000µA/20mA/200mA/10A	200µA/2000µA/20mA/200mA/10A	± (1.0%+2)	± (1.0%+3)	± (1.5%+3)
	400mA			± (1.5%+2)		
	10A			± (3.0%+2)		
AC Current		200µA/2000µA/20mA/200mA/10A	200µA/2000µA/20mA/200mA/10A		± (1.2%+5)	± (1.5%+4)
Resistance	400Ω/4kΩ/40kΩ/400kΩ	200Ω/2kΩ/20kΩ/200kΩ/2MΩ	200Ω/2kΩ/20kΩ/200kΩ/2MΩ	± (0.8%+3)	± (0.8%+3)	± (0.8%+2)
	4MΩ		20MΩ	± (1.0%+3)		± (1.0%+2)
Capacitance		20nF/200nF/2µF/20µF/200µF/2mF	20nF/200nF/2µF/20µF/200µF/2mF		± (2.0%+5)	± (4.0%+5)
Frequency		10Hz-10MHz	10Hz-20kHz		± (0.5%+3)	± (1.5%+5)

FEATURE			
	PM8225	PM8225A	PM8225B
Display	4000 Counts	2000 Counts	2000 Counts
Manual Range	✓	✓	✓
Auto Range	✓	✓	✓
Bargraph Display	✓	✓	✓
Data Hold	✓	✓	✓
Relative Measurement	✓	✓	✓
MAX/MIN Measurement	✓	✓	✓
Diode Test	✓	✓	✓
Continuity	✓	✓	✓
NCV Non-Contact Voltage Detection	✓	✓	✓
Back Light	✓	✓	✓
Flashlight	✓	✓	✓

GENERAL	
Power Supply	2×1.5VAAA Batteries
Weight	252.2g (not include batteries)
Size	166mm×78mm×48mm
Safety Standard/Rating	EN61010-1, EN61010-2-033, EN61326, CAT. III 600V



DIGITAL MULTIMETERS





SPECIFICATIONS		
	RANG	ACCURACY
PMB225C/PMB225D		
DC Voltage	60mV/600mV/ 6V/60V/600V	± (0.5%+3)
AC Voltage	60mV/600mV/ 6V/60V/600V	± (0.8%+3)
DC Current	600µA/ 6mA/ 60mA	± (0.8%+3)
	600mA	± (1.0%+3)
	6A/ 10A	± (1.2%+3)
AC Current	600µA	± (1.0%+5)
	6mA/ 60mA	± (1.0%+3)
	600mA	± (1.2%+3)
Resistance	600Ω/6kΩ/60kΩ/ 600kΩ/6MΩ	± (1.2%+5)
	60MΩ	± (2.0%+5)
Capacitance	10nF/100nF/1µF/ 10µF/100µF	± (3.0%+5)
	1mF/10mF	± (4.0%+5)
	100mF	± (5.0%+5)
Frequency	10Hz - 10MHz	± (1.0%+5)
Duty	1% - 99%	± (3.0%+5)
K-type Thermocouple Temperature Only PM8225D	-20°C - 1000°C	± (2.0%+2)
	-4°F - 1832°F	

FEATURE		
	PM8225C	PM8225D
Display	6000 Counts	6000 Counts
Manual Range	✓	✓
Auto Range	✓	✓
Bargraph Display	✓	✓
Data Hold	✓	✓
VFD Measurement	✓	✓
Relative Measurement	✓	✓
MAX/MIN Measurement	✓	✓
Diode Test	✓	✓
Continuity	✓	✓
NCV Non-Contact Voltage Detection	✓	✓
Live Line Voltage Detection	✓	✓
Back Light	✓	✓
Flashlight	✓	✓
K-type Thermocouple Temperature		✓

GENERAL		
Power Supply	2x1.5V AAA Batteries	
Weight	252.2g (not include batteries)	
Size	166mm x 78mm x 48mm	
Safety Standard/Rating	EN61010-1, EN61010-2-033, EN61326, CAT.III 600V	



SPECIFICATIONS			
	RANGE	ACCURACY	
		PM60	PM61
DC Voltage	200mV/2V/20V/200V	±(0.5%+1)	±(0.5%+2)
	1000V	±(0.8%+2)	±(0.8%+2)
AC Voltage	200mV	±(1.2%+3)	±(1.2%+3)
	2V/20V/200V	±(0.8%+3)	±(0.8%+3)
DC Current	750V	±(1.2%+3)	±(1.2%+3)
	20µA	±(2.0%+5)	
	200µA	±(0.8%+1)	
	2mA/20mA	±(0.8%+1)	±(0.8%+1)
	200mA	±(1.5%+1)	±(1.5%+1)
	10A	±(2.0%+5)	±(2.0%+5)
AC Current	20µA	±(2.0%+5)	
	200µA	±(1.0%+5)	
	2mA/20mA	±(1.0%+5)	±(1.0%+5)
	200mA	±(1.8%+5)	±(1.8%+5)
Resistance	10A	±(3.0%+7)	±(3.0%+7)
	2000	±(0.8%+3)	±(0.8%+3)
	2kΩ/20kΩ/200kΩ/2MΩ	±(0.8%+2)	±(0.8%+2)
	20MΩ	±(1.0%+2)	±(1.0%+2)
Capacitance	200MΩ	±(6.0%+10)	±(6.0%+10)
	2nF/20nF/200nF/2µF		±(4.0%+3)
	200µF		±(6.0%+10)

FEATURE		
	PM60	PM61
Display	2000 Counts	2000 Counts
Data Hold	✓	✓
Auto Power Off	✓	✓
Diode Test	✓	✓
Transistor	✓	✓
Continuity	✓	✓

GENERAL	
Power Supply	1x9V 6F22 Battery
Weight	Approx 339g (batteries are not included)
Size	193mm x 94mm x 50mm
Safety Standard/Rating	EN61010-1, EN61010-2-033, EN61326, CAT.III 1000V





SPECIFICATIONS

	RANGE	ACCURACY	
		PM64	PM65
DC Voltage	200mV	±(0.5%+2)	±(0.05%+3)
	2V/20V/200V	±(0.5%+2)	±(0.1%+3)
	1000V	±(0.8%+2)	±(0.15%+3)
AC Voltage	2V	±(0.8%+3)	±(0.5%+10)
	20V/200V	±(0.8%+3)	±(0.8%+10)
	750V	±(1.2%+3)	±(1.0%+15)
DC Current	2mA/20mA	±(0.8%+1)	±(0.5%+5)
	200mA	±(1.5%+1)	±(0.8%+5)
	10A	±(2.0%+5)	±(2.0%+10)
AC Current	2mA		±(0.5%+5)
	20mA	±(1.0%+5)	±(0.5%+5)
	200mA	±(1.8%+5)	±(1.2%+10)
Resistance	10A	±(3.0%+7)	±(2.5%+10)
	200Ω	±(0.8%+3)	±(0.5%+10)
	2kΩ	±(0.8%+2)	±(0.3%+3)
Capacitance	20kΩ/200kΩ/2MΩ	±(0.8%+2)	±(0.3%+1)
	20MΩ	±(1.0%+2)	±(0.3%+1)
	200MΩ	±(6.0%+10)	±(5.0%+10)
Frequency	2nF/20nF/200nF/2μF/20μF	±(4.0%+3)	±(4.0%+20)
	200μF	±(6.0%+10)	±(5.0%+20)
Temperature	20kHz	±(1.5%+5)	±(1.5%+5)
	-20~0°C	±(5.0%+4)	
	1~400°C	±(2.0%+3)	
	401~1000°C	±(2.0%+5)	

FEATURE

	PM64	PM65
Display	2000 Counts	2000 Counts
Data Hold	✓	✓
Auto Power Off	✓	✓
Diode Test	✓	✓
Transistor	✓	✓
Continuity	✓	✓

GENERAL

Power Supply	1x9V 6F22 Battery
Weight	Approx. 37g/357.5 g
Size	193mm×94mm×50mm
Safety Standard/Rating	EN61010-1, EN61010-2-033, EN61326, CAT III 1000V



SPECIFICATION

	RANGE	ACCURACY		
		PM8233A	PM8233B	PM8233C
DC Voltage	200mV/2V/20V/200V	±(0.5%+2)	±(0.5%+2)	±(0.5%+2)
	600V	±(0.8%+2)	±(0.8%+2)	±(0.8%+2)
AC Voltage	200V/600V	±(1.2%+10)	±(1.2%+10)	±(1.2%+10)
	200μA/2mA/20mA	±(1.0%+2)	±(1.0%+2)	±(1.0%+2)
DC Current	200mA	±(1.5%+2)	±(1.5%+2)	±(1.5%+2)
	10A	±(3.0%+2)	±(3.0%+2)	±(3.0%+2)
	2000V	±(0.8%+3)	±(0.8%+2)	±(0.8%+2)
Resistance	2kΩ/20kΩ/200kΩ	±(0.8%+2)	±(0.8%+2)	±(0.8%+2)
	2MΩ	±(1.0%+2)	±(1.0%+2)	±(1.0%+2)
	-20°C ~ 0°C			±(1.0%+2)
Temperature	0°C ~ 400°C			±(1.0%+3)
	400°C ~ 1000°C			±(2.0%+3)

FEATURE

	PM8233A	PM8233B	PM8233C
Display	2000 Counts	2000 Counts	2000 Counts
Data Hold	✓	✓	✓
Back Light		✓	✓
Diode Test	✓	✓	✓
Continuity	✓	✓	✓
Temperature			✓

GENERAL

Power Supply	1x9V 6F22 Battery
Weight	Approx. 171/173/174.5g
Size	148mm×74mm×42mm
Safety Standard/Rating	EN61010-1, EN61010-2-033, EN61326, CAT III 600V



DIGITAL MULTIMETERS



SPECIFICATION			
	RANGE	ACCURACY	
		PM8233D	PM8233E
DC Voltage	200mV/2V/20V/200V	±(0.5%+2)	±(0.5%+2)
	600V	±(0.8%+2)	±(0.8%+2)
AC Voltage	2V/20V/200V	±(0.9%+3)	±(0.9%+3)
	600V	±(1.2%+3)	±(1.2%+3)
DC Current	200µA/2000µA/20mA/200mA	±(1.5%+3)	±(1.5%+3)
	10A	±(2.0%+5)	±(2.0%+5)
AC Current	200µA/2000µA/20mA/200mA	±(1.5%+5)	±(1.5%+4)
	10A	±(2.5%+5)	±(2.5%+5)
Resistance	200Ω/2kΩ/20kΩ/200kΩ	±(0.8%+2)	±(0.8%+2)
	2MΩ/20MΩ	±(1.0%+2)	±(1.0%+2)
Frequency	20kHz	±(1.5%+5)	
Temperature	-20°C - 0°C / 0°F - 50°F		±(5.0%+4)
	0°C - 400°C / 50°F - 750°F		±(2.0%+3)
	400°C - 1000°C / 750°F - 1800°F		±(3.0%+3)

FEATURE		
	PM8233D	PM8233E
Display	2000 Counts	2000 Counts
Auto Range	✓	✓
Data Hold	✓	✓
Back Light	✓	✓
Diode Test	✓	✓
Continuity	✓	✓
Maximum Value Hold	✓	✓

GENERAL	
Power Supply	1x9V 6F22 Battery
Weight	Approx. 174g
Size	148mmx74mmx42mm
Safety Standard/Rating	EN61010-1, EN61010-2-033, EN61326, CAT III 600V



SPECIFICATION		
	RANGE	ACCURACY
DC Voltage	200mV/2V/20V/200V	±(0.5%+2)
	600V	±(0.8%+2)
AC Voltage	200mV/2V/20V/200V	±(1.0%+3)
	600V	±(1.2%+3)
DC Current	200µA/2000µA/20mA/200mA/10A	±(1.5%+3)
	AC Current	200µA/2000µA/20mA/200mA/10A
Resistance	200Ω/2kΩ/20kΩ/200kΩ/2MΩ	±(0.8%+2)
	20MΩ	±(1.0%+2)
Capacitance	20nF/200nF/2µF/20µF/200µF/2mF	±(4.0%+5)
Frequency	20kHz	±(1.5%+5)

FEATURE	
Display	2000 Counts
Auto And Manual Range	✓
NCV	✓
Data Hold	✓
Black Light	✓
Diode Test	✓
Continuity	✓
Maximum Hold	✓

GENERAL	
Power Supply	1x9V6F22 Battery/2x1.5V AAA Batteries
Weight	Approx. 174g(batteries are not included)
Size	148mmx74mmx42mm
Safety Standard/Rating	EN61010-1, -2-033, EN61010-2-033, EN61326-1, CAT III 600V



DIGITAL MULTIMETERS





SPECIFICATIONS

	RANGE	ACCURACY	
		PM300	PM320
DC Voltage	2V	± (0.8%+1)	
	20V/200V/500V	± (0.8%+1)	
	400mV/4V/40V/400V/600V		± (0.8%+3)
AC Voltage	200V/500V	± (1.2%+10)	
	4V/40V/400V/		± (0.8%+4)
	600V		± (1.2%+4)
DC Current	200mA	± (2.0%+2)	
	40mA/400mA		± (2.0%+3)
AC Current	40mA/400mA		± (3.0%+4)
	2kΩ/20kΩ/200kΩ/2000kΩ	± (1.0%+2)	
Resistance	400Ω/4kΩ/40kΩ/400kΩ/4MΩ		± (1.0%+3)
	40MΩ		± (2.0%+3)
Frequency	10Hz/100Hz/1kHz/10kHz/100kHz		± (0.5%+3)
	4nF		± (5.0%+10)
Capacitance	40nF		± (4.0%+5)
	400nF/4μF/40μF/100μF		± (3.0%+3)

FEATURE

	PM300	PM320
Display	2000 Counts	4000 Counts
Data Hold		✓
Diode Test	✓	✓
Continuity	✓	✓

GENERAL

	PM300	PM320
Power Supply	12V GP23A Battery	Sr44 or LR44 x 2
Weight	Approx. 104.5/103g	
Size	120x70x18mm	
Safety Standard/Rating	EN61010-1, EN61010-2-033, EN61326, CAT III 600V	



SPECIFICATIONS

	RANGE	ACCURACY	
		PMB30	PM830B
DC Voltage	200mV/2V/20V/200V	± (0.5%+3)	± (0.5%+3)
	600V	± (0.8%+3)	± (0.8%+3)
AC Voltage	200V/500V	± (1.2%+10)	± (1.2%+10)
	20μA	± (1.0%+3)	
DC Current	200μA/2mA	± (1.0%+3)	± (1.0%+3)
	20mA	± (1.0%+5)	± (1.0%+5)
	200mA	± (1.5%+5)	± (1.5%+5)
	10A	± (3.0%+10)	± (3.0%+10)
Resistance	200Ω	± (0.8%+5)	± (0.8%+5)
	2kΩ/20kΩ/200kΩ	± (0.8%+2)	± (0.8%+2)
	2MΩ	± (1.0%+5)	± (1.0%+5)

FEATURE

	PM830	PM830B
Display	2000 Counts	2000 Counts
Data Hold	✓	✓
Diode Test	✓	✓
Continuity	✓	✓

GENERAL

Power Supply	DC9V 6F22 Battery
Weight	Approx. 196 g
Size	145mm×74mm×44mm
Safety Standard/Rating	EN61010-1, EN61010-2-033, EN61326, CAT III 600V



DIGITAL MULTIMETER



SPECIFICATIONS

	RANGE	ACCURACY	
		PM838	PM830L
DC Voltage	200mV/2V/20V/200V	$\pm(0.5\%+3)$	$\pm(0.5\%+2)$
	600V	$\pm(0.8\%+3)$	$\pm(0.8\%+2)$
AC Voltage	200V/800V	$\pm(1.2\%+10)$	$\pm(1.2\%+10)$
	200 μ A/2mA	$\pm(1.0\%+3)$	$\pm(1.0\%+2)$
DC Current	20mA	$\pm(1.0\%+5)$	$\pm(1.0\%+5)$
	200mA	$\pm(1.5\%+5)$	$\pm(1.5\%+5)$
	10A	$\pm(3.0\%+10)$	$\pm(3.0\%+2)$
	200 Ω	$\pm(0.8\%+5)$	$\pm(0.8\%+3)$
Resistance	2k Ω /20k Ω /200k Ω	$\pm(0.8\%+2)$	$\pm(0.8\%+2)$
	2M Ω	$\pm(1.0\%+5)$	$\pm(1.0\%+2)$

FEATURE

	PM838	PM830L
Display	2000 Counts	2000 Counts
Data Hold	✓	✓
Back Light	✓	✓
Diode Test	✓	✓
Continuity	✓	✓
Temperature	✓	✓

GENERAL

Power Supply	DC9V 6F22 Battery
Weight	Approx. 186 g
Size	145mm×74mm×44mm
Safety Standard/Rating	EN61010-1, EN61010-2-033, EN61326, CAT III 600V



NEW

SPECIFICATIONS

	RANGE	ACCURACY
DC Voltage	2V/20V/200V	$\pm(0.5\%+2)$
	600V	$\pm(0.8\%+2)$
AC Voltage	600V	$\pm(1.2\%+10)$
	2k Ω /20k Ω /200k Ω	$\pm(0.8\%+2)$
Resistance	2M Ω	$\pm(1.0\%+2)$

FEATURE

Display	2000 Counts
Manual Range	✓
Diode Test	✓
Continuity	✓
Low Battery Indication	✓
Data Hold	✓

GENERAL

Power Supply	DC9V 6F22 Battery
Weight	
Size	
Safety Standard/Rating	IEC61010-1, IEC 61010-2-032 CAT III 600V



DIGITAL MULTIMETERS



NEW

SPECIFICATIONS

	PM8230B		PM8230C	
	RANGE	ACCURACY	RANGE	ACCURACY
DC Voltage	2V/20V/200V	±(0.8%+5)	2V/20V/200V	±(0.5%+2)
	600V	±(1.0%+5)	600V	±(0.8%+2)
AC Voltage	200mV/2V/20V	±(1.5%+10)	200mV/2V/20V	±(1.2%+10)
	600V	±(1.5%+5)	600V	±(0.8%+2)
Resistance	2kΩ/20kΩ/200kΩ	±(1.5%+5)	2kΩ/20kΩ/200kΩ	±(0.8%+2)
	2MΩ	±(1.5%+10)	2MΩ	±(1.0%+2)
DC Current	200μA/2mA/20mA	±(1.0%+5)	200μA/2mA/20mA	±(1.0%+2)
	200mA	±(1.5%+5)	200mA	±(1.5%+2)
	10A	±(3.0%+5)	10A	±(3.0%+2)

FEATURE

	PM8230B	PM8230C
Display	2000 Counts	2000 Counts
Manual Range	✓	✓
Diode Test	✓	✓
Continuity	✓	✓
Low Battery Indication	✓	✓
Data Hold	✓	✓
Backlight	✓	✓
Fuse		✓

GENERAL

Power Supply	DC9V 6F22 Battery
Weight	
Size	
Safety Standard/Rating	IEC61010-1, IEC 61010-2-032 CAT III 600V



NEW

SPECIFICATIONS

	RANGE	ACCURACY	
		PM8230D	PM8230E
DC Voltage	200mV/2V/20V/200V	±(0.5%+2)	±(0.5%+2)
	600V	±(0.8%+2)	±(0.8%+2)
AC Voltage	200mV/2V/20V/200V	±(1.0%+3)	±(1.0%+3)
	600V	±(1.2%+3)	±(1.2%+3)
Resistance	200Ω/2kΩ/20kΩ/200kΩ/2M	±(0.8%+2)	±(0.8%+2)
	20MΩ	±(1.0%+2)	±(1.0%+2)
Capacitance	20nF/200nF/2μF/20μF/200μF	±(4.0%+5)	±(4.0%+5)
	20MΩ		
DC Current	200μA (Only PM8230E) /2mA		
	20mA/200mA	±(1.5%+3)	±(1.5%+3)
	10A		
AC Current	200μA (Only PM8230E) /2mA		
	200mA	±(1.5%+4)	±(1.5%+4)
	10A		
Frequency	20kHz (OXP8230E)	±(1.5%+5)	±(1.5%+5)

FEATURE

	PM8230D	PM8230E
Display	2000 Counts	2000 Counts
Manual Range		✓
Auto Range	✓	✓
MAX Measurement	✓	✓
Low Battery Indication	✓	✓
Data Hold	✓	✓
Backlight	✓	✓
Battery Measurement Function	1.5V / 6V / 9V	
Fuse	✓	✓

GENERAL

Power Supply	2X 1.5V AAA batteries
Weight	
Size	
Safety Standard/Rating	IEC61010-1, IEC 61010-2-032 CAT III 600V



DIGITAL MULTIMETERS



	RANGE	ACCURACY	
		PM8231	PM8232
DC Voltage	200mV/2V/20V/200V		±(0.5%+3)
	2V/20V/200V	±(0.5%+3)	
	600V	±(0.8%+5)	±(0.8%+5)
AC Voltage	2V/20V/200V	±(0.8%+3)	±(0.8%+3)
	600V	±(1.0%+5)	±(1.0%+5)
DC Current	200uA/2000uA/20mA/200mA		±(1.8%+5)
	200uA/2000uA/20mA/200mA	±(2.0%+5)	
Resistance	200Ω	±(1.0%+3)	±(1.0%+3)
	2kΩ/20kΩ/200kΩ/2MΩ	±(1.0%+3)	±(1.0%+3)
	10MΩ	±(1.2%+15)	
	20MΩ		±(1.2%+15)

FEATURE	PM8231	PM8232
Display	2000 Counts	2000 Counts
Data Hold	✓	✓
Diode Test	✓	✓
Continuity	✓	✓
NCV	✓	✓
Work Light	✓	✓

GENERAL	
Power Supply	2 x 1.5V AAA Batteries
Weight	Approx. 150g
Size	132mm×61mm×26mm
Safety Standard/Rating	EN61010-1, EN61010-2-033, EN61326, CAT III 600V



NEW

	RANGE	ACCURACY
DC Voltage	200mV/2V/20V	±(0.8%+5)
	200V/600V	±(1.0%+5)
AC Voltage	2V/20V/200V/600V	±(1.2%+5)
Resistance	200Ω/2kΩ/20kΩ/200kΩ/2MΩ/20MΩ	±(0.8%+3)
Battery Test	1.5V Load 75Ω	±(0.8%+5)
	9V Load 510Ω	
	12V Load 680Ω	
Working Temperature and Humidity	0-40 °C (<90% RH, not considered when <10 °C)	
Storage Temperature and Humidity	-10-60 °C (<70% RH, remove battery)	
Altitude	<200m	

FEATURE	
Range Switching	Manual Switching/Automatic Switching
Data Retention/Backlight	✓
Floodlight	✓
Diode Test	✓
Non-contact Voltage Testing	✓
Connectivity	✓

GENERAL	
Power Supply	2x1.5V AAA Batteries
Size	132mm×61mm×26mm
Safety Standard/Rating	IEC/EN61010-1, CAT III 600V



DIGITAL MULTIMETERS





SPECIFICATION

	RANGE	ACCURACY
DC Voltage	12V	±1V
	24V	±2V
	50V	±4V
	120V	±8V
	230V	±12V
AC Voltage 40Hz-2kHz	400V	±14V
	690V	±18V
	1000V	±24V
DC Voltage	1500V	±28V
On-off	<100kΩ	Buzzing LED Indication

FEATURE

AUTO	✓
IP Degree	IP65
Phase Sequence Test	Three-phase AC voltage range: 150V-400V, frequency 50Hz-60Hz
Floodlight	✓
Automatic Shutdown	✓
Continuity	✓

GENERAL

Battery	2×1.5 V AAA Batteries
Product Size	305 g (not include batteries)
Product Weight	290mm×80mm×34mm
Safety Standard/Rating	EN61326-1, EN60529, IEC 61243-3 CAT IV 600V



SPECIFICATION

	RANGE	RESOLUTION	ACCURACY	REMARK
DC Voltage	200V	0.1V	± (1.0% + 3)	-
	1500V	1V		
AC Voltage	200V	0.1V	± (1.0% + 3)	Frequency 50-500Hz
	1200V	1V		
	200V	0.1V	± (1.5% + 8)	Frequency 500-1kHz
	1200V	1V		
Resistance	1MΩ	1kΩ	± (5.0% + 5)	<100pF Buzzing

FEATURE

AUTO	✓
Backlight	✓
Phase Sequence Test	Three-phase AC voltage range: 150V-400V, frequency 50Hz-60Hz
Floodlight	✓
Automatic Shutdown	✓
Continuity	✓
IP Degree	IP65

GENERAL

Battery	2×1.5 V AAA batteries
Product Size	317 g (not include batteries)
Product Weight	290mm×80mm×34mm
Safety Standard/Rating	EN61326-1, EN60529, IEC 61243-3 CAT IV 600V



VOLTAGE/CONNECTIVITY TESTER



VOLTAGE/CONNECTIVITY TESTER





SPECIFICATION

	RANGE	ACCURACY
DC Voltage	200mV/2V/20V/200V	±(0.7%+2)
	600V	±(0.8%+2)
AC Voltage	2V/20V/200V	±(0.8%+3)
	600V	±(1.0%+3)
DC Current	20mA/200mA	±(1.5%+3)
AC Current	20mA/200mA	±(1.5%+4)
Resistance	200Ω/2kΩ/20kΩ/200kΩ/2MΩ	±(1.0%+2)
	20MΩ	±(1.0%+5)
Capacitance	20nF/200nF/2μF/20μF/200μF	±(4.0%+3)
	2mF/20mF	±(5.0%+3)
Frequency	200Hz~1kHz	±(0.5%+2)

FEATURE

Manual Range	2000 Counts
Data Hold	✓
Tricade	✓
Continuity	✓
Non Contact Voltage Detection	✓
Flashlight	✓

GENERAL

Power Supply	2x1.5V AAA Batteries
Weight	134g
Product Size	248mmx42mmx34mm
Security Level	EN61010-1,EN61010-2-033, EN61326,CAT.III 600V



SPECIFICATION

Automatic Shutdown	✓
AC Voltage	Approximately 12-1000V/45-1000V(Sensitivity adjustable)
Frequency	50Hz/60Hz
Flashlight	white LED
Under Voltage Indication	✓
Operating Temperature	0~40°C
Storage Temperature	-10~50°C
Zero Fire Line Judgment	Judging by the strength of the induction signal, the signal with a strong signal is the live wire
NCV induction strength	3 induction intensities (high, medium, and low)
NCV Sensitivity Indication Method	The instrument displays different high, medium, and low sensitivities through different alarm sounds and LED lights of different colors
Alarm Method	Audible and visual alarm/LCD prompt
IP Degree	IP67
Altitude	<2000m
Drop Resistance Test	1m

GENERAL

Power Supply	2x1.5V AAA Batteries
Product Size	168mmx29mmx25mm
Weight	Approx.45g
Security Level	EN61326, EN61010-1, EN61010-2-033, CAT. IV 1000V



DIGITAL MULTIMETERS

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NON CONTACT VOLTAGE DETECTOR


SPECIFICATIONS

AC Voltage Detection Range	About 12~1000V/48~1000V
Frequency	50Hz/60Hz
Alarm Mode	Sound and Light Alarm
Torch	White LED Illumination Lamp
Auto Power Off	1
Low Battery Indication	1
Zero/live Wire Judgment	According to the signal strength, strong signal is live wire
NCV Intensity	Selecting 3 types of sensitivity automatically (low, mid, high)
NCV Intensity Indication Mode	The instrument uses the alarm sound of different frequency and LED lamp of different color to indicate low, moderate or high sensitivity
Operating Temperature	0~40°C
Storage Temperature	-10°C~50°C
Altitude	<2000m

FEATURE

Screwdriver	Foldable Screwdriver
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GENERAL

Power	2x 1.5V AAA Batteries
Weight	Approx. 38g
Size	156mm x 31mm x 20mm
Safety Standard/Rating	EN61010-1, EN61010-2-033, EN61326, CAT. III 1000V


SPECIFICATIONS

AC Voltage Detection Range	About 12~1000V/48~1000V
Frequency	50Hz/60Hz
Alarm Mode	Sound and Light Alarm
Torch	White LED Illumination Lamp
Auto Power Off	1
Low Battery Indication	1
Zero/live Wire Judgment	According to the signal strength, strong signal is live wire
NCV Intensity	Selecting 3 types of sensitivity automatically (low, mid, high)
NCV Intensity Indication Mode	To indicate weak, median or strong voltage signal, the instrument uses different symbol on screen and buzzer frequency
Operating Temperature	0~40°C
Storage Temperature	-10°C~50°C
Altitude	<2000m

FEATURE

Screwdriver	Foldable Screwdriver
Display	LCD

GENERAL

Power	2x 1.5V AAA Batteries
Weight	Approx. 38g
Size	156mm x 31mm x 20mm
Safety Standard/Rating	EN61010-1, EN61010-2-033, EN61326, CAT. III 1000V



NON CONTACT VOLTAGE DETECTOR

SPECIFICATIONS

AC voltage Detection Range	About 12~1000V/48~1000V
Frequency	50Hz/60Hz
Alarm Mode	Sound And Light Alarm
Torch	White LED Illumination Lamp
Auto Power Off	1
Low Battery Indication	1
Zero/live Wire Judgement	According to the signal strength, strong signal is live wire
NCV Intensity	Selecting 3 types of sensitivity automatically (low, mid, high)
NCV Intensity Indication Mode	The instrument uses the alarm sound of different frequency and LED lamp of different color to indicate low, moderate or high sensitivity
Service Temperature	0~40°C
Storage Temperature	-10~50°C
Altitude	<2000m

GENERAL

Power Supply	2 x 1.5V AAA Batteries
Weight	Approx. 33g
Size	156mm x 27mm x 20mm
Safety Standard/Rating	EN61010-1, EN61010-2-033, EN61326, CAT.III 1000V


SPECIFICATIONS

AC voltage detection range	About 12~1000V
Frequency	50Hz/60Hz
Alarm Mode	Sound And Light
Flash Light	White
Auto Power Off	1
Probe Shape	Prolate
Low-Battery Indication	1
Live Or Neutral	Sound and LED Alarmed
NCV Sensitivity	Automatic Selection Of 3 Kinds Of Sensitivity (High, Medium And Low)
NCV Sensitivity Indication	3 Kinds Of Frequency Sound And Led Alarmed

GENERAL

Power Supply	2 x 1.5V AAA Batteries
Weight	Approx. 33g
Size	156mm x 27mm x 20mm
Safety Standard/Rating	EN61010-1, EN61010-2-033, EN61326, CAT.III 1000V



NON CONTACT VOLTAGE DETECTOR

NON CONTACT VOLTAGE DETECTOR



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SPECIFICATION

	RANGE	ACCURACY		
		PM8213A	PM8213B	PM8213C
DC Voltage	2V/20V/200V/500V	±(1.0%+3)		
	4V/40V/400V/600V		±(1.0%+3)	
	4V/40V/400V/600V			±(1.0%+3)
AC Voltage	200V/500V	±(2.0%+5)		
	4V/40V/400V/600V		±(2.0%+5)	
	4V/40V/400V/600V			±(2.0%+5)
DC Current	200mA	±(2.0%+5)		
	40mA/400mA			±(2.0%+5)
AC Current	40mA/400mA			±(2.0%+5)
	2kΩ/20kΩ/200kΩ/2000kΩ	±(2.0%+5)		
Resistance	400Ω/4kΩ/40kΩ/400kΩ/4MΩ/40MΩ		±(2.0%+5)	
	400Ω/4kΩ/40kΩ/400kΩ/4MΩ/40MΩ			±(2.0%+5)
Capacitance	50nF/500nF/5uF/50uF/100uF		±(5.0%+5)	
	50nF/500nF/5uF/50uF/100uF			±(5.0%+5)
Frequency	10Hz/100Hz/1kHz/10kHz/100kHz		±(2.0%+5)	
	10Hz/100Hz/1kHz/10kHz/100kHz			±(2.0%+5)

FEATURE

	PM8213A	PM8213B	PM8213C
Display	2000 Counts	4000 Counts	4000 Counts
Frequency		100kHz	100kHz
Resistance	2000kΩ	40MΩ	40MΩ
Capacitance		100uF	100uF
Continuity	✓	✓	✓
Diode Test	✓	✓	✓
Under Voltage Indication	✓	✓	✓
Non Contact AC Voltage Test			✓
Automatic Shutdown		✓	✓

GENERAL

Power Supply	1×3.0V CR2032 Battery
Weight	80/82/97g
Size	127mm×74mm×13mm
Security Level	EN61010-1, EN61010-2-033, EN61326, CAT III 600V

SPECIFICATION

	RANGE	RESOLUTION	ACCURACY
DC Voltage	4V	0.001V	±(1.0%+3)
	40V	0.01V	
	400V	0.1V	
AC Voltage	600V	1V	±(2.0%+5)
	4V	0.001V	
	40V	0.01V	
DC Current	400V	0.1V	±(2.0%+5)
	600V	1V	
	400uA	100nA	
AC Current	40mA	0.01mA	±(2.0%+5)
	400mA	0.1mA	
	400uA	100nA	
Resistance	40mA	0.01mA	±(2.0%+5)
	400mA	0.1mA	
	400Ω	0.1Ω	
Frequency	4kΩ	0.001kΩ	±(2.0%+5)
	40kΩ	0.01kΩ	
	400kΩ	0.1kΩ	
Capacitance	4MΩ	0.001MΩ	±(0.5%+5)
	40MΩ	0.01MΩ	
	5Hz	0.001Hz	
Capacitance	50Hz	0.01Hz	±(5.0%+5)
	500Hz	0.1Hz	
	5kHz	0.001kHz	
Capacitance	50kHz	0.01kHz	±(5.0%+5)
	100kHz	0.1kHz	
	50nF	0.01nF	
Capacitance	500nF	0.1nF	±(5.0%+5)
	5uF	0.001uF	
	50uF	0.01uF	
Capacitance	100uF	0.1uF	±(5.0%+5)

FEATURE

Display	4000 Counts
AUTO	✓
Under Voltage Indication	✓
Buzzer	✓
Continuity	✓
Diode Test	✓
Automatic Shutdown	✓

GENERAL

Power Supply	1×3.0V CR2032 Battery
Size	100×50×12mm
Security Level	IEC/EN61010-1, CAT III 300V/CAT II 600V



Mini Pocket Digital Multimeter

MULTI IN ONE SERIES


NEW
SPECIFICATION

Detection Range	AC voltage 12 ~ 1000 V, 50 Hz or 60Hz
Alarm Mode	Sound and Light
Sensitivity adjustment	Manual switch
Zero/Live Wire Judgment	Sound (fast, medium and slow) and LED lights
Service Temperature	0~40°C
Storage Temperature	-10~50°C
Altitude	<2000m
Auto Power Off	About 5 minutes
Low-Battery Indication	✓

GENERAL

Power Supply	CR2450 ×1 button cell
Weight	
Size	
Safety Standard/Rating	IEC61010-1 CAT III 600V



MULTI IN ONE SERIES

NEW
SPECIFICATION

Detection Range	AC voltage 12 ~ 1000 V, 50 Hz or 60Hz
Alarm Mode	Sound, light and display screen Indication
Sensitivity adjustment	Manual switch
Zero/Live Wire Judgment	Sound (fast, medium and slow), LED lights and display screen scale
Phase sequence judgment of three phase electricity	Left or right rotation (57V-600V/50Hz or 60Hz)
Service Temperature	0~40°C
Storage Temperature	-10~50°C
Altitude	<2000m
Auto Power Off	About 5 minutes
Low-Battery Indication	✓

GENERAL

Power Supply	CR2450 ×1 button cell
Weight	
Size	
Safety Standard/Rating	IEC61010-1 CAT III 600V





NEW

SPECIFICATION

	RANGE	ACCURACY
DC Voltage	1V-600V	± (1.0%+5)
AC Voltage	1V-600V	± (1.5%+5)
Frequency	45Hz-1kHz	± (1.5%+5)
24V battery measurement	Judging battery power supply from 1-30V	

FEATURE

Non contact voltage detection range	AC voltage 36 ~ 1000 V, 50 Hz or 60Hz
Live line detection range	AC voltage 36 ~ 600 V, 50 Hz or 60Hz
Alarm Mode	Sound, light and display screen indication
Voltage measurement	Automatic judge AC and DC voltage
Battery measurement	24V load approximately 1kΩ, No overvoltage protection
Service Temperature	0-40°C
Storage Temperature	-10-50°C
Altitude	<2000m
Auto Power Off	About 10 minutes
Low Battery Indication	✓

GENERAL

Power Supply	CR2450 X1 button cell
Weight	
Size	
Safety Standard/Rating	IEC61010-1 CAT III 600V



NEW

SPECIFICATION

	RANGE	ACCURACY
DC Voltage	1V-600V	± (1.0%+5)
AC Voltage	1V-600V	± (1.5%+5)
Frequency	45Hz-1kHz	± (1.5%+5)
Resistance	0-20MΩ	± (2.0%+5)

FEATURE

Non contact voltage detection range	AC voltage 36 ~ 1000 V, 50 Hz or 60Hz
Live line detection range	AC voltage 36 ~ 600 V, 50 Hz or 60Hz
Alarm Mode	Sound, light and display screen indication
Voltage measurement	Automatic judge AC and DC voltage
Service Temperature	0-40°C
Storage Temperature	-10-50°C
Altitude	<2000m
Auto Power Off	About 10 minutes
Low Battery Indication	✓
Data Hold	✓
Backlight	✓

GENERAL

Power Supply	CR2450 X1 button cell
Weight	
Size	
Safety Standard/Rating	IEC61010-1 CAT III 600V





MULTI IN ONE SERIES



SPECIFICATION

	RANGE	ACCURACY
DC Voltage	6V-300V	± (1.5%+5)
AC Voltage	12V-300V	± (2.0%+10)

FEATURE

Non contact voltage detection range	AC voltage 96 ~ 1000 V, 50 Hz or 60Hz
Live wire detection range	AC voltage 36 ~ 600 V, 50 Hz or 60Hz
Alarm Mode	Sound, light and display screen indication
Voltage measurement	Automatic Judge AC and DC voltage
Service Temperature	0~40°C
Storage Temperature	-10~50°C
Altitude	<2000m
Auto Power Off	About 5 minutes
Low Battery Indication	✓
Continuity	✓

GENERAL

Power Supply	CR2450 ×1 button cell
Weight	
Size	
Safety Standard/Rating	IEC61010-1 CAT III 600V



SPECIFICATION

	RANGE	ACCURACY
DC Voltage	30V-250V	± (1.5%+5)
Residual current test	Test current 6mA (American standard version)	0%~+20%
	Test current 30mA (China standard version)	0%~+20%
Trip time measurement	1.0ms-500ms	± (2.0%+5)

FEATURE

Non contact voltage detection range	AC voltage 96 ~ 1000 V, 50 Hz or 60Hz
Measurable voltage type	Between live wire and neutral wire, between live wire and ground wire
Alarm Mode	Sound, light and display screen indication
Socket test	Correct wiring, live line/neutral line reverse connection, live line/ground line reverse connection, lack of neutral line, lack of ground
Service Temperature	0~40°C
Storage Temperature	-10~50°C
Altitude	<2000m
Auto Power Off	About 5 minutes
Low Battery Indication	✓
Data Hold	✓
Backlight	✓

GENERAL

Power Supply	CR2450 ×1 button cell
Weight	
Size	
Safety Standard/Rating	IEC61010-1 CAT III 600V



MULTI IN ONE SERIES



SPECIFICATION		
DC Voltage	RANGE 30V-250V	ACCURACY ± (1.5%+5)
Residual current test	Test current 10mA/20mA/30mA	0%~+20%
	Test current x0.5/x1/x2	
Trip time measurement	1.0ms-500ms	± (2.0%+5)

FEATURE	
Non contact voltage detection range	AC voltage 36 - 1000 V, 50 Hz or 60Hz
Measurable voltage type	Between live wire and neutral wire, between live wire and ground wire
Alarm Mode	Sound, light and display screen indication
Socket test	Correct wiring, live line/neutral line reverse connection, live line ground line reverse connection, lack of neutral line, lack of ground
Service Temperature	0-40°C
Storage Temperature	-10-50°C
Altitude	<2000m
Auto Power Off	About 5 minutes
Low Battery Indication	✓
Data Hold	✓
Backlight	✓

GENERAL	
Power Supply	CR2450 X1 button cell
Weight	
Size	
Safety Standard/Rating	IEC61010-1 CAT III 600V



ZH09-05 A0ZT-10TT





SPECIFICATIONS

	RANGE	ACCURACY	
		PM2016A	PM2016S
DC Voltage	0.5~600.0V	±(0.5%+3)	
	0.5~600.0V		±(0.5%+3)
AC Voltage	1.0~600V	±(0.8%+5)	±(0.8%+5)
AC Current	10mA~200A	±(2.5%+8)	±(2.5%+8)
Resistance	0~6kΩ	±(0.8%+3)	±(0.8%+3)
Continuity	<50.0Ω		
Frequency	40Hz~1000Hz		±(1.0%+5)

FEATURE

	PM2016A	PM2016S
Counts	6000 Counts	6000 Counts
AutoRange	√	√
AC Current	6A/60A/200A	6A/60A/200A
DC Voltage	600.0V	600.0V
AC Voltage	600.0V	600.0V
Continuity	√<50.0Ω	√<50.0Ω
Resistance	6kΩ	6kΩ
V/Ω/A Auto Scan		√
Frequency(Clamp)		1 kHz
Frequency(Voltage)		1 kHz
Data Hold	√	√
BackLight	√	√
NCV		√

GENERAL

Power Supply	2 x 1.5V AAA Batteries
Weight	Approx. 122g
Size	158mm×55mm×29mm
Jaw Size	∅20mm
Safety Standard/Rating	EN61010-1, EN61010-2-032, EN61326, CAT.III 600V



DIGITAL CLAMP METERS




SPECIFICATIONS

	RANGE	ACCURACY
DC Voltage	0.5~600.0V	±(0.5%+3)
AC Voltage	1.0~600V	±(0.8%+5)
AC Current	6A/60A/100A	±(2.5%+8)
DC Current	6A/60A/100A	±(3.0%+8)
Resistance	0~8kΩ	±(0.8%+3)
Continuity	<50Ω	
Frequency	40Hz~1000Hz	±(1.0%+5)

FEATURE

Counts	6000 Counts
AutoRange	√
AC Current	6A/60A/100A
DC Current	6A/60A/100A
DC Voltage	600.0V
AC Voltage	600.0V
Continuity	√ < 50.0Ω
Resistance	8kΩ
V/Ω/A Auto Scan	√
Frequency(Clamp)	1kHz
Frequency(Voltage)	1kHz
Data Hold	√
BackLight	√
NCV	√

GENERAL

Power Supply	2 x 1.5V AAA Batteries
Weight	Approx. 115g
Size	158mm×55mm×29mm
Jaw Size	∅20mm
Safety Standard/Rating	EN61010-1, EN61010-2-032, EN61326, CAT III 600V



DIGITAL CLAMP METERS


SPECIFICATIONS

	RANGE	ACCURACY
DC Voltage	2V/20V	±(0.8%+2)
	200V/1000V	±(1.0%+2)
AC Voltage	2V/20V	±(1.0%+5)
	200V/1000V	±(1.2%+5)
Resistance	200Ω/2kΩ/20kΩ/200kΩ/2MΩ	±(1.0%+3)
	20MΩ	±(1.2%+1.0)
AC Current	20A/200A	±(2.5%+5)
	1000A	±(2.5%+8)
Capacitance	2nF/20nF/200nF/2μF/20μF/200μF/2mF	±(4.0%+5)
	Frequency	2Hz/20Hz/200Hz/2kHz/20kHz

FEATURE

Display	2000 Counts
Backlight	√
Relative measurement	√
Manual/Automatic Range	√
Maximum/Minimum measurement	√
Diode test	√
Continuity	√
Single probe live wire detection	√
NCV	√
Auto Power off	About 15 minutes
Low Battery Indication	√
Data Hold	√
True RMS	√

GENERAL

Power Supply	2×1.5V AAA batteries
Weight	Approx 185g (not include batteries)
Product Size	195×66×33mm
Jaw Size	35mm
Safety Rating	IEC61010-1, IEC 61010-2-032 Shel. CAT III 100-V Clamp shell CAT III 600V



DIGITAL CLAMP METERS





NEW



SPECIFICATIONS

	RANG	ACCURACY
DC Voltage	6V/60V/600V	± (0.5%+3)
	1000V	± (0.8%+3)
AC Voltage	6V/60V/600V	± (0.8%+5)
	1000V	± (1.0%+5)
Resistance	600Ω/6kΩ/60kΩ/600kΩ/6MΩ	± (1.0%+3)
	60MΩ	± (1.2%+30)
AC Current	6A	± (2.5%+8)
	60A/600A	± (2.5%+5)
Capacitance	20nF/600nF/6uF/60uF/600uF/6mF	± (4.0%+3)
	60mF	± (5.0%+5)
Frequency	10Hz/100Hz/1kHz/10kHz	± (1.0%+5)
	10kHz/1MHz	
K-type Thermocouple Temperature	-20°C~1000°C	± (2.0%+2)
	-4°F~1832°F	± (2.0%+2)

FEATURE

Display	6000 Counts
Backlight	✓
Relative measurement	✓
Manual /Automatic Range	✓
Maximum/minimum measurement	✓
Diode test	✓
Continuity	✓
Single probe live wire detection	✓
NCV	✓
Auto Power off	About 15 minutes
Low Battery Indication	✓
Data Hold	✓
VDI	✓
True RMS	✓

GENERAL

Power Supply	2x1.5V AAA batteries
Weight	Approx.160g (not include batteries)
Product Size	195x66x33mm
Maximum opening of clamp head	35mm
Safety Rating	IEC61010-1, IEC 61010-2-032 Shell: CAT III 1000V Clamp shell: CAT III 600V



SPECIFICATIONS

	RANGE	ACCURACY
DC Voltage	200mV/2V/20V/200V	±(0.8%+2)
	600V	±(1.0%+2)
AC Voltage	2V/20V	±(1.0%+5)
	200V/600V	±(1.2%+5)
AC Current	2A/20A	±(3.0%+15)
	200A/600A	±(3.0%+10)
Resistance	2000Ω/2kΩ/20kΩ/200kΩ/2MΩ	±(1.2%+2)
	20MΩ	±(2.0%+5)

FEATURE

Display	2000 Counts
Range	Auto
Diode Test	✓
Continuity	✓
BackLight	✓
NCV	✓

GENERAL

Power Supply	2 x 1.5V AAA Batteries
Size	189mm*64mm*34mm
Jaw Size	∅24mm
Safety Standard/Rating	EN61010-1, EN61010-2-032, EN61326, CAT.III 600V



DIGITAL CLAMP METERS

DIGITAL CLAMP METERS



DIGITAL CLAMP METERS

SPECIFICATIONS

	RANGE	ACCURACY
DC Voltage	6V/60V/600V	± (0.5%+3)
AC Voltage	6V/60V/600V	± (0.8%+5)
AC Current	6A/60A/400A	± (2.5%+8)
	400A~600A	± (3.0%+10)
Resistance	6kΩ/60kΩ/600kΩ/6MΩ/60MΩ	± (0.8%+3)
Frequency	40Hz~1000Hz	± (1.0%+5)
Capacitance	800uF/8000uF	± (4.0%+3)
LowZ	1.0~600V	± (0.8%+3)
	°C/°F	+20~1000°C (-4~1832°F)

FEATURE

Display	6000 Counts
RANGE	Auto
ACA(AC+DC)	6A/60A/600A
DCV	6V/60V/600V
ACV(AC+DC)	6V/60V/600V
Continuity	√ < 50.0Ω
Resistance	6kΩ/60kΩ/600kΩ/6MΩ/60MΩ
Frequency(Clamp)	1kHz
Frequency(Voltage)	1kHz
Temperature	√
LPF(1kHz -3dB)	√
LowZ	√
Capacitance	800uF/8000uF
Data Hold	√
BackLight	√
NCV	√
Low Battery Indication	√
Auto Power Off	√
Dual Display	√

GENERAL

Power Supply	2 x 1.5V AAA Batteries
Weight	Approx. 187g
Size	189mm×64mm×34mm
Jaw Size	∅ 24mm
Safety Standard/Rating	EN61010-1, EN61010-2-032, EN61326, CAT. III 600V


SPECIFICATIONS

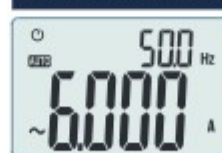
	RANGE	ACCURACY
DCV	0.5~600.0V	±(0.5%+3)
ACV(40~65Hz)	1.0~600V	±(0.8%+5)
Resistance	0~10MΩ	±(0.8%+3)
	10mA~400A	±(2.5%+8)
ACA(40~65Hz)	400A~600A	±(3.0%+10)
	400A~600A	±(3.0%+10)
Frequency	40Hz~1000Hz	±(1.0%+5)
PEAK ACA	10~900A	±(10%+10)

FEATURE

Display	6000 Counts
RANGE	Auto
ACA	6A/60A/400A/600A
DCV	6V/60V/600V
ACV	6V/60V/600V
Continuity	√
Resistance	6kΩ/60kΩ/600kΩ/6MΩ/10MΩ
V/D/A Auto Scan	√
Frequency(Clamp)	1kHz
Frequency(Voltage)	1kHz
LPF(1kHz -3dB)	√
Data Hold	√
BackLight	√
NCV	√
Peak Max	√
Low Battery Indication	√
Auto Power Off	√
Dual Display	√

GENERAL

Power Supply	2 x 1.5V AAA Batteries
Weight	Approx. 184g
Size	189mm×64mm×34mm
Jaw Size	∅ 24mm
Safety Standard/Rating	EN61010-1, EN61010-2-032, EN61326, CAT. III 600V

AC Current Measurement

AC Voltage Measurement

AC Voltage & AC Current Measurement


DIGITAL CLAMP METERS





DIGITAL CLAMP METERS



SPECIFICATIONS		
	RANG	ACCURACY
DC Voltage	6V/60V/600V	±(0.5%+5)
AC Voltage	6V/60V/600V	±(0.8%+5)
Resistance	6kΩ/60kΩ/600kΩ/6MΩ/60MΩ	±(0.8%+3)
AC Current(40-65Hz)	60A/600A	±(2.5%+8)
	400A~600A	±(3.0%+10)
DCA	60A/600A	±(3.0%+10)
Capacitance	0.1uF~6000uF	±(4.0%+3)
Frequency	40Hz-1000Hz	±(1.0%+5)
LowZ	1.0~600V	±(0.8%+3)
DC	0~200uA	±(0.8%+3)
Temperature	-20~1000°C	±(1%+2)
	-4~1832°F	±(1%+2)

FEATURE	
Display	6000 Counts
Range	Auto
ACA	60A/400A/600A
DCA	60A/600A
DCV	6V/60V/600V
ACA	6V/60V/600V
Continuity	√
Resistance	6kΩ/60kΩ/600kΩ/6MΩ/60MΩ
DC	√200uA
Frequency(Clamp)	1kHz
Frequency(Voltage)	1kHz
Temperature	√
LPF(1kHz -3dB)	√
LowZ	√
Capacitance	600uF/6000uF
Data Hold	√
BackLight	√
NCV	√
Low Battery Indication	√
Auto Power Off	√
Dual Display	√

GENERAL	
Power Supply	2 x 1.5V AAA Batteries
Weight	Approx. 180g
Size	189mm X 64mm X 32mm
Jaw Size	∅24mm
Safety Standard/Rating	EN61010-1, EN61010-2-032, EN61326, CAT III 600V



DIGITAL CLAMP METERS

SPECIFICATIONS		
	RANGE	ACCURACY
DCV	0.5~600.0V	±(0.5%+3)
ACV(40~65Hz)	1.0~600V	±(0.8%+5)
Resistance	0~10MΩ	±(0.8%+3)
ACA(40~65Hz)	60A/400A	±(2.5%+8)
	400A~600A	±(3.0%+10)
DCA	300mA~600A	±(3.0%+10)
Frequency	40Hz-1000Hz	±(1.0%+5)

FEATURE	
Display	6000 Counts
Range	Auto
ACA	60A/400A/600A
DCA	60A/600A
DCV	6V/60V/600V
ACA	6V/60V/600V
Continuity	√
Resistance	6kΩ/60kΩ/600kΩ/6MΩ/10MΩ
V/D/A Auto Scan	√
Frequency(Clamp)	1kHz
Frequency(Voltage)	1kHz
Data Hold	√
BackLight	√
Low Battery Indication	√
NCV	√
Auto Power Off	√
Dual Display	√

GENERAL	
Power Supply	2 x 1.5V AAA Batteries
Weight	Approx. 177g
Size	189mm X 64mm X 32mm
Jaw Size	∅24mm
Safety Standard/Rating	EN61010-1, EN61010-2-032, EN61326, CAT III 600V



AC Voltage Measurement	AC Voltage & AC Current Measurement	AC Voltage & DC Current Measurement	AC Current Measurement





SPECIFICATIONS

	RANGE	ACCURACY	
		PM2028A	PM2028B
DC Voltage	6V/60V/600V/1000V	±(1.0%+3)	±(1.0%+3)
AC Voltage	6V/60V/600V/1000V	±(1.2%+3)	±(1.2%+3)
AC Current	60A/600A/1000A	±(3.0%+5)	±(3.0%+5)
Resistance	600Ω/6kΩ/60kΩ/600kΩ/6MΩ	±(1.0%+3)	±(1.0%+3)
	60MΩ	±(1.2%+30)	±(1.2%+30)
Capacitance	60nF/600nF/6μF/60μF/600μF/6mF/60mF	±(4.0%+3)	±(4.0%+3)
Frequency	10Hz~10kHz	±(1.0%+5)	±(1.0%+5)
Temperature	-20°C~1000°C	±(2.0%+2)	±(2.0%+2)
	-4°F~1832°F	±(2.0%+2)	±(2.0%+2)
LowZ	DCV:1000V	±(1.0%+10)	
	ACV:1000V	±(2.0%+20)	

FEATURE

	PM2028A	PM2028B
Display	6000 Counts	6000 Counts
Analogue Bar Graph		✓
Auto And Manual Range	✓	✓
True RMS	✓	✓
Data Hold	✓	✓
Worklight	✓	✓
Non-Contact Voltage Detector(NCV)	✓	✓
Relative Measurement	✓	✓
Continuity	✓	✓
Back Light	✓	✓
VFD		✓

GENERAL

Power Supply	3 x 1.5V AAA Batteries
Weight	Approx. 310/314g
Size	247mm x 84mm x 40mm
Jaw Size	Ø 35mm
Safety Standard/Rating	EN61010-1, EN61010-2-032, EN61326, CAT.III 1000V

+

Optional PM2019A
MAX 3000A~



SPECIFICATIONS

	RANGE	ACCURACY
DCV	6V/60V/600V	±(0.5%rdg+3dgt)
ACV(40~65Hz)	6V/60V/600V	±(0.8%rdg+5dgt)
Resistance	8kΩ/60kΩ/600kΩ/6MΩ/10MΩ	±(0.8%rdg+3dgt)
ACA(40~65Hz)	60A/600A/1000A	±(2.5%rdg+8dgt)
Frequency	60Hz/1000Hz	±(1.0%+5)

FEATURE

Display	6000 Counts
ACA	60A/600A/1000A
DCV	6V/60V/600V
ACV	6V/60V/600V
Continuity	✓
Resistance	6kΩ/60kΩ/600kΩ/6MΩ/10MΩ
VΩ/A /Cap Auto Scan	✓
Frequency(Clamp)	1kHz
Frequency(Voltage)	1kHz
Data Hold	✓
BackLight	✓
NCV	✓
Low Battery Indication	✓
Auto Power Off	✓
Dual Display	✓

GENERAL

Power Supply	3 x 1.5V AAA Batteries
Weight	Approx. 314.5g
Size	247mm x 84mm x 40mm
Jaw Size	Ø 35mm
Safety Standard/Rating	EN61010-1, EN61010-2-032, EN61326, CAT.IV 600V



DIGITAL CLAMP METERS





DIGITAL CLAMP METERS

SPECIFICATIONS

	RANGE	ACCURACY
DC Voltage	6V/60V/600V/1000V	±(0.5%+5)
AC Voltage	6V/60V/600V 1000V	±(0.8%+5) ±(1.0%+5)
AC Current	60A/600A/1000A	±(2.5%+8)
DC Current	60A/600A/1000A	±(3.0%+10)
Resistance	600Ω/6KΩ/60KΩ/600KΩ/6MΩ 60MΩ	±(0.8%+3) ±(0.2%+30)
Capacitance	60nF-60nF	±(4.0%+3)
Frequency	100Hz-10kHz	±(1.0%+5)
Temperature	-20°C-1000°C -4°F-1832°F	±(2.0%+2) ±(2.0%+2)
Low Z	DCV:1000V	±(1.0%+10)
	ACV:1000V	±(2.0%+20)
DC Current	200μA	±(0.8%+3)

FEATURE

Display	6000 Counts
Analogue Bar Graph	√
Auto And Manual Range	√
True RMS	√
Data Hold	√
Work Light	√
Back Light	√
Relative Measurement	√
Continuity	√
VFD	√

GENERAL

Power Supply	3 x 1.5V AAA Batteries
Weight	Approx. 310g
Size	247mm×85mm×40mm
Jaw Size	∅ 35mm
Safety Standard/Rating	EN61010-1,EN61010-2-032,EN61326,CAT.III 1000V



DIGITAL CLAMP METERS

SPECIFICATIONS

	RANGE	ACCURACY
DCV	0.5-600.0V	±(0.5%+3)
ACV(40-65Hz)	1.0-600V	±(0.8%+5)
Resistance	0-10MΩ	±(0.8%+3)
Continuity	√ <50.0Ω	
ACA(40-65Hz)	60A/600A/1000A	±(2.5%+8)
DCA	60A/600A/1000A	±(3.0%+10)
Frequency	60Hz/1000Hz	±(1.0%+5)

FEATURE

Display	6000 Counts
ACA	60A/600A/1000A
DCA	60A/600A/1000A
DCV	6V/60V/600V
ACV	6V/60V/600V
Continuity	√
Resistance	6kΩ/60kΩ/600kΩ/6MΩ/10MΩ
V/Ω/A /Cap Auto Scan	√
Frequency(Clamp)	1kHz
Frequency(Voltage)	1kHz
Data Hold	√
BackLight	√
NCV	√
Auto Power Off	√
Dual Display	√

GENERAL

Power Supply	3 x 1.5V AAA Batteries
Weight	Approx. 312g
Size	247mm×85mm×40mm
Jaw Size	∅ 35mm
Safety Standard/Rating	EN61010-1,EN61010-2-032,EN61326,CAT.IV 600V





SPECIFICATION		
	RANGE	ACCURACY
AC Current(40~65Hz)	60A/600A	±(1.5%+5) (<10A±(2.0%+10))
	3000A	±(2.0%+5)
AC Current(65~200Hz)	60A/600A	±(2.5%+5)
	3000A	±(3.0%+5)
AC Current(200~1000Hz)	60A/600A	±(3.0%+5)
	3000A	>1000A No verification
Frequency	40Hz~1000Hz	±(0.5%+2)

FEATURE	
Display	6000 Counts
Data Hold	✓
Work Light	✓
Back Light	✓

GENERAL	
Power Supply	3 x 1.5V AAA Batteries
Weight	Approx. 175g
Size	324x180x28mm
Jaw Size	Ø150mm
Safety Standard/Rating	EN61010-1, EN61010-2-032, EN61326, CAT.III 1000V



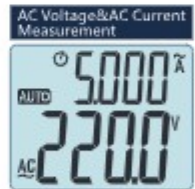
DIGITAL CLAMP METERS



SPECIFICATION		
	RANGE	ACCURACY
DC Voltage	6V/60V/600V	±(0.8%+3)
AC Voltage(45~65Hz)	6V/60V/600V	±(1.2%+3)
AC Voltage(40~2000Hz)	6V/60V/600V	±(2.0%+5)
AC Current(40~65Hz)	60A/600A	±(1.5%+5)
	<10A	±(2.0%+10)
AC Current(65~200Hz)	3000A	±(2.0%+5)
	60A/600A	±(2.5%+5)
AC Current(200~1000Hz)	3000A	±(3.0%+5)
	60A/600A	>1000A Not verified
Resistance	8kΩ/80kΩ/800kΩ/6MΩ	±(1.0%+3)
Frequency	40Hz~1kHz	±(0.5%+2)

FEATURE	
Display	6000 Counts
True RMS	✓
Data Hold	✓
Worklight	✓
Back Light	✓

GENERAL	
Power Supply	3 x 1.5V AAA Batteries
Weight	Approx. 175g
Size	324x180x28mm
Jaw Size	Ø150mm
Safety Standard/Rating	EN61010-1, EN61010-2-032, EN61326, CAT.IV 600V



DIGITAL CLAMP METERS



SPECIFICATIONS

	RANGE	ACCURACY	
		PM2008A	PM2008B
DC Voltage	200mV/2V/20V/200V	±(0.8%+2)	
	600V	±(1.0%+2)	
	6V/60V/600V		±(0.5%+3)
AC Voltage	2V/20V/200V	±(1.0%+5)	
	600V	±(1.2%+5)	
AC Current	6V/60V/600V		±(0.8%+5)
	2A/20A	±(3.0%+15)	
	200A/600A	±(3.0%+10)	
Resistance	6A/60A/600A		±(2.5%+5)
	200Ω/2kΩ/20kΩ/200kΩ/2MΩ	±(1.2%+2)	
	20 MΩ	±(2.0%+5)	
Capacitance	600Ω/6kΩ/60kΩ/600kΩ/6MΩ		±(1.0%+3)
	60MΩ		±(2.0%+3)
Frequency	10nF/100nF/1μF/10μF/100μF		±(3.0%+5)
	1mF/10mF		±(4.0%+5)
Duty cycle	100mF		±(5.0%+5)
	10Hz/100Hz/1kHz/10kHz/100kHz/1MHz/10MHz		±(0.5%+5)
Temperature(°C)	1%~99%		±(3.0%+2)
	-20°C~1000°C		±(1.0%+2)
	-4°F~1832°F		±(1.0%+2)

FEATURE

	PM2008A	PM2008B
Display	2000 Counts	6000 Counts
Auto And Manual Range	✓	✓
Data Hold	✓	✓
Work Light	✓	✓
Diode Test	✓	✓
Max	✓	✓
Continuity	✓	✓
Back Light	✓	✓

GENERAL

Power	3×1.5V AAA Batteries
Weight	236/241 g
Size	205mm × 71mm × 35mm
Jaw Size	Ø24mm
Safety Standard/Rating	EN61010-1, EN61010-2-032, EN61326, CAT.III 600V



SPECIFICATIONS

	RANGE	ACCURACY	
		PM2108	PM2108A
DC Voltage	400mV		±(1.0%+2)
	4V/40V/400V		±(0.8%+3)
	6V/60V	±(0.5%+3)	
	600V	±(0.8%+3)	±(1.0%+5)
	1000V	±(0.8%+3)	
AC Voltage	4V/40V/400V		±(0.8%+3)
	6V/60V	±(0.5%+3)	
	600V	±(0.8%+3)	±(1.0%+5)
	1000V	±(0.8%+3)	
AC Current	40A/400A		±(3.0%+6)
	60A/600A	±(3.0%+10)	
DC Current	40A/400A		±(3.0%+6)
	60A/600A	±(2.5%+5)	
INRUSH CURRENT (100MS)	60A/600A		±(10.0%+60)
Resistance	400Ω/4kΩ/40kΩ/400kΩ		±(0.8%+3)
	4MΩ/40MΩ		±(1.2%+3)
	600Ω/6kΩ/60kΩ/600kΩ/6MΩ	±(1.0%+3)	
Capacitance	60MΩ	±(2.0%+3)	
	10nF/100nF/1μF/10μF/100μF	±(3.0%+5)	
	1mF/10mF	±(4.0%+5)	
Frequency	100mF	±(5.0%+5)	
	40nF/400nF/4μF/40μF/400μF/4000μF		±(4.0%+5)
	9.999Hz/99.99Hz/999.9Hz/9.999kHz/99.99kHz/999.9kHz/9.999MHz		±(0.5%+2)
Duty Cycle	10Hz/100Hz/1kHz/10kHz/100kHz/1MHz/10MHz	±(0.5%+5)	
	0.1%~99.9%		±3.0%
Temperature(°C)	1%~99%	±3.0%	
	-20°C~1000°C	±(1.0%+2)	
	-4°F~1832°F		

FEATURE

	PM2108	PM2108A
Display	6000 Counts	4000 Counts
Auto And Manual Range	✓	✓
Inrush Current	✓	✓
True RMS	✓	✓
Data Hold	✓	✓
Work Light	✓	✓
Max/Min	✓	✓
Continuity	✓	✓
Back Light	✓	✓
Temperature	✓	✓

GENERAL

Power	3×1.5V AAA Batteries
Weight	Approx 237g
Size	209mm × 70mm × 37mm
Jaw Size	Ø26mm
Safety Standard/Rating	EN61010-1, EN61010-2-032, EN61326, CAT.III 600V



DIGITAL CLAMP METERS



SPECIFICATIONS

	RANGE	ACCURACY
DC Voltage	1000V	± (1.0%+2)
AC Voltage	750V	± (1.0%+5)
AC Current	20A/200A	± (2.0%+5)
	1000A	± (2.0%+7)
Resistance	200Ω/2000Ω	± (1.0%+3)

FEATURE

Display	2000 Counts
Data Hold	√
Diode	√
Continuity	√
Back Light	√

GENERAL

Power	1x9V 6F22 Battery
Weight	Approx. 333g
Size	248mm×90mm×44mm
Jaw Size	∅42mm
Safety Standard/Rating	EN61010-1, EN61010-2-032, EN61326, CAT III 600V



DIGITAL CLAMP METERS

SPECIFICATIONS

	RANGE	ACCURACY
DC Voltage	400mV/4V/40V/400V	± (0.7%+1)
	1000V	± (0.8%+3)
AC Voltage	4V/40V/400V	± (0.8%+5)
	700V	± (1.0%+10)
DC Current	400A/1000A	± (3.0%+3)
AC Current	400A/1000A	± (3.0%+3)
	400Ω/4kΩ/40kΩ/400kΩ/4MΩ	± (1.2%+1)
Resistance	40MΩ	± (2.0%+3)
Frequency	40Hz/400Hz/4kHz/40kHz/100kHz	± (2.0%+1)
Capacitance	4nF/40nF/400nF/4μF/40μF	± (4.0%+10)
Temperature(°C)	-40°C ~ 0°C	± (1.0%+6)
	0°C ~ 400°C	± (1.0%+3)
	400°C ~ 750°C	± (1.0%+5)

FEATURE

Display	4000 Counts
Data Hold	√
Diode	√
Continuity	√
Back Light	√

GENERAL

Power	1x9V 6F22 Battery
Weight	Approx. 395g
Size	248mm × 89mm × 44mm
Jaw Size	∅42mm
Safety Standard/Rating	EN61010-1, EN61010-2-032, EN61326, CAT III 600V





SPECIFICATIONS			
	RANGE	ACCURACY	
		M266	M266C
DC Voltage	200mV		± (0.5%+1)
	2V/20V/200V		± (0.5%+3)
	1000V	± (0.8%+3)	± (0.8%+3)
AC Voltage	200V		± (1.0%+5)
	750V	± (1.2%+5)	± (1.2%+5)
AC Current	20A		± (4.0%+5)
	200A	± (2.5%+5)	± (2.5%+5)
	1000A	± (3.0%+10)	± (3.0%+10)
Resistance	200Ω	± (1.0%+5)	± (1.0%+5)
	20KΩ	± (1.0%+8)	± (1.0%+8)
	2MΩ		± (1.0%+8)
Insulation	20MΩ	± (2.0%+2)	± (2.0%+2)
	2000MΩ	± (5.0%+2)	± (5.0%+2)
Temperature	0°C-400°C		± (1.0%+3)
	32°F-752°F		± (1.0%+3)
	401°C-750°C		± (2.0%+3)
	754°F-1382°F		± (2.0%+3)

FEATURE		
	PM266	PM266C
Display	2000 Counts	2000 Counts
Data Hold	√	√
Continuity	√	√
Insulation Test	√	√

GENERAL	
Power Supply	9V 6F22 Battery
Weight	Approx. 272/267g
Size	235mmx95mmx44mm
Jaw Size	Ø50mm
Safety Standard/Rating	EN61010-1, EN61010-2-032, EN61326, CAT.III 600V



SPECIFICATIONS		
	RANG	ACCURACY
AC Current 45Hz-1000Hz	60A (Signal output ratio 10mV : 1A)	± (2.0%+5)
	600A (Signal output ratio 1mV : 1A)	
FEATURE		
Test Line	About one meter (after stretching)	
GENERAL		
Weight	Approx. 180.5g	
Product Size	187mm × 66mm × 34mm	
Maximum opening of clamp head	35mm	
Safety Rating	IEC61010-1, IEC 61010-2-032 CAT III 600V	



DIGITAL CLAMP METERS

NEW

SPECIFICATIONS

	RANG	ACCURACY
DC Current	60A (Signal output ratio 10mV : 1A)	± (2.0%+5) (After zeroing)
	600A (Signal output ratio 1mV : 1A)	
AC Current 45Hz-1000Hz	60A (Signal output ratio 10mV : 1A)	± (2.0%+5)
	600A (Signal output ratio 1mV : 1A)	

FEATURE

Work Indicator light	✓
Low Battery Indication	✓
Test line	About one meter (after stretching)
Zero adjustment of DC current	✓

GENERAL

Weight	Approx 180.5g
Power Supply	2 x 1.5V AAAA batteries
Product Size	187mm x 66mm x 34mm
Maximum opening of clamp head	35mm
Safety Rating	IEC61010-1, IEC 61010-2-032 CAT III 600V



SPECIFICATIONS

	PM6530A	PM6530B	PM6530C
IRT Temperature	-50°C~300°C(±1.5%+2°C) -58°F~572°F(±1.5%+4°F)	-50°C~550°C(±1.5%+2°C) -58°F~1022°F(±1.5%+4°F)	-50°C~800°C(±1.5%+2°C) -58°F~1472°F(±1.5%+4°F)
K-type			-50°C~1000°C(±1.5%+2°C) -58°F~1832°F(±1.5%+4°F)

FEATURE

	PM6530A	PM6530B	PM6530C
Color Display	✓	✓	✓
Laser Target Pointer (630nm~670nm)	Circle	Circle	Circle
D:S	12:1	12:1	12:1
Emissivity	0.10~1.00	0.10~1.00	0.10~1.00
Spectral Response	8~14um	8~14um	8~14um
Temperature	✓	✓	✓
Response Time	<0.5s	<0.5s	<0.5s
IRT Temperature	-50°C~300°C -58°F~572°F	-50°C~550°C -58°F~1022°F	-50°C~800°C -58°F~1472°F
K-type			✓
Temperature Bridge Alarm (Red/Yellow/Green LED)	✓	✓	✓
HOLD	✓	✓	✓
BackLight	✓	✓	✓
Auto Power Off	✓	✓	✓
Low Battery Indication	✓	✓	✓
MAX	✓	✓	✓
UV Light			✓

GENERAL

Power Supply	6F22 9V Battery
Weight	Approx. 165/161/160g
Size	163mm X 101mm X 48mm
Safety Standard/Rating	EN81326, EN60825


SPECIFICATIONS

IRT Temperature	-50°C~800°C(±1.5%+2°C) -58°F~1472°F(±1.5%+4°F)
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FEATURE

Color Display	✓
Laser (630nm~670nm)	✓
D:S	12:1
Emissivity	0.10~1.00
Spectral Response	8~14um
Temperature	✓
Response Time	<0.5s
IRT Temperature	-50°C~800°C~58°F~1472°F
Temperature Bridge Alarm (Red/Yellow/Green LED)	✓
HOLD	✓
BackLight	✓
Auto Power Off	✓
Low Battery Indication	✓
MAX	✓

GENERAL

Power Supply	1x9V 6F22 Batteries
Weight	Approx. 156 g
Size	163mm X 101mm X 48mm
Safety Standard/Rating	EN81326, EN60825



INFRARED THERMOMETER

SPECIFICATIONS

	RANG	ACCURACY
IRT Temperature	-50~800°C	±(1.5%+2°C)
	-58°F~1472°F	±(1.5%+4°F)
K-type	-10°C~537°C	±(1.5%+2°C)
	14°F~999°F	±(1.5%+4°F)
Ambient Temperature	-10~0°C/45°C~60°C	±1.5°C
	14~32°F/113~140°F	±3.0°F
	0~45°C	±1.0°C
	32~113°F	±2.0°F
Ambient Humidity	±5%RH	

FEATURE

Color Display	✓
Laser Target Pointer (630nm ~ 670nm)	Circle
D:S	12:1
Emissivity	0.10~1.00
Spectral Response	8~14um
Temperature	✓
Response Time	<0.5s
IRT Temperature	-50°C~800°C / -58°F~1472°F
K-type	✓
Ambient Temperature	✓
Dew Point Temperature	✓
Relative Humidity	✓
Hold Alarm (Red/Yellow/Green LED)	✓
Temperature Bridge Alarm (Red/Yellow/Green LED)	✓
HOLD	✓
BackLight	✓
Auto Power Off	✓
Low Battery Indication	✓
UV Light	✓

GENERAL

Power Supply	6F22 9V Batteries
Weight	Approx. 160g
Size	163mm X 101mm X 48mm
Safety Standard/Rating	EN61326, EN60825



INFRARED THERMOMETER

SPECIFICATIONS

IRT Temperature	-30~0°C ±3°C
	-22°F~32°F ±6°F
	0~380°C ± (1.5%+2°C)
	32°F~716°F ± (1.5%+4°F)

FEATURE

Color Display	✓
Laser (630nm ~ 670nm)	✓
D:S	12:1
Emissivity	0.10~1.00
Spectral Response	8~14um
Temperature	✓
Response Time	<0.5s
IRT Temperature	✓
Temperature Bridge Alarm (Red/Yellow/Green LED)	✓
HOLD	✓
BackLight	✓
Auto Power Off	✓
Low Battery Indication	✓
MAX	✓

GENERAL

Power Supply	2 x 1.5V AAA Batteries
Weight	Approx. 119g
Size	146mm X 90mm X 44mm
Safety Standard/Rating	EN61326, EN60825



INFRARED THERMOMETER

INFRARED THERMOMETER

SPECIFICATIONS		
IRT Temperature	PM6519A	PM6519B
	-50~0°C ±3°C	-50~0°C ±3°C
	-58°F~32°F ±6°F	-58°F~32°F ±6°F
	0~380°C ±(1.5%+2°C)	0~550°C ±(1.5%+2°C)
	32°F~716°F ±(1.5%+4°F)	32°F~1022°F ±(1.5%+4°F)
FEATURE		
	PM6519A	PM6519B
Color Display	✓	✓
Laser(630nm~670nm)	✓	✓
D:S	12:1	12:1
Emissivity	0.10~1.00	0.10~1.00
Spectral Response	8~14um	8~14um
Temperature	✓	✓
Response Time	<0.5s	<0.5s
IRT Temperature	✓	✓
Temperature Bridge Alarm (Red/Yellow/Green LED)	✓	✓
HOLD	✓	✓
BackLight	✓	✓
Auto Power Off	✓	✓
Low Battery Indication	✓	✓
MAX	✓	✓
GENERAL		
Power Supply	2 x 1.5V AAA Batterize	
Weight	Approx. 113g	
Size	146mm X 90mm X 44mm	
Safety Standard/Rating	EN61326, EN60825	



SPECIFICATIONS	
IRT Temperature	-50~0°C ±3°C
	-58°F~32°F ±6°F
	0~550°C ±(1.5%+2°C)
	32°F~1022°F ±(1.5%+4°F)
	-10~0°C, 45°C~60°C ±1.5°C
Ambient Temperature	14~32°F/113~140°F ±3.0°F
	0~45°C ±1.0°C
	32~113°F ±2.0°F
Ambient Humidity	±4.0%RH (20%~80%) ±5.0%RH (0%~20%, 80%~99%)
FEATURE	
Color Display	✓
Laser(630nm~670nm)	✓
D:S	12:1
Emissivity	0.10~1.00
Spectral Response	8~14um
Temperature	✓
Response Time	<0.5s
IRT Temperature	✓
Ambient Temperature	✓
Temperature Bridge Alarm (Red/Yellow/Green LED)	✓
HOLD	✓
BackLight	✓
Auto Power Off	✓
Low Battery Indication	✓
GENERAL	
Power Supply	2 x 1.5V AAA Batterize
Weight	Approx. 113 g
Size	146mm X 90mm X 44mm
Safety Standard/Rating	EN61326, EN60825



SPECIFICATIONS

	RANGE	RESOLUTION	ACCURACY
Ambient Temperature	-20°C ~ 0°C (-4°F ~ 32°F)	0.1°C/°F	±1.5°C
	0°C ~ 45°C (32°F ~ 113°F)	0.1°C/°F	±1.0°C
	45°C ~ 60°C (113°F ~ 140°F)	0.1°C/°F	±1.5°C
Relative Humidity	0% ~ 20%	0.1%	±4.0%
	20% ~ 80%	0.1%	±3.0%
	80% ~ 100%	0.1%	±4.0%
Wet Bulb Temperature	-20°C ~ 0°C (-4°F ~ 32°F)	0.1°C/°F	±1.5°C
	0°C ~ 45°C (32°F ~ 113°F)	0.1°C/°F	±1.0°C
	45°C ~ 60°C (113°F ~ 140°F)	0.1°C/°F	±1.5°C
Dew Point Temperature	-50°C ~ 0°C (-58°F ~ 32°F)	0.1°C/°F	±1.5°C
	0°C ~ 45°C (32°F ~ 113°F)	0.1°C/°F	±1.0°C
	45°C ~ 60°C (113°F ~ 140°F)	0.1°C/°F	±1.5°C

FEATURE

Data Hold	✓
Data logging And Recall	100 groups
°C/°F Selection	✓
Back Light	✓
Max/Min	✓

GENERAL

Power Supply	4 x 1.5V AAA Batteries
Weight	Approx. 112g
Size	180mm x 60mm x 30mm
Safety Standard/Rating	EN61010-1, EN61326-1


SPECIFICATIONS

	RANGE	ACCURACY
Centigrade	-50°C ~ -20°C	±6°C
	-20°C ~ 0.0°C	±3°C
	0.0°C ~ 200°C	±(1.0%+2°C)
	200°C ~ 500°C	±(1.0%+2°C)
	500°C ~ 750°C	±(1.0%+3°C)
Fahrenheit	-58°F ~ -4°F	±8°F
	-4°F ~ 32°F	±5°F
	32°F ~ 200°F	±(1.0%+4°F)
	200°F ~ 932°F	±(1.0%+4°F)
	932°F ~ 1382°F	±(1.0%+5°F)

FEATURE

Display	2000 Counts
Thermocouples Type	Kt1ps
Data Hold	✓
Resolution	0.1°C/1°C/0.1°F/1°F

GENERAL

Power Supply	2 x 1.5V AAA Batteries
Weight	Approx. 93g
Size	126x62x25mm
Safety Standard/Rating	CE RoHS



DIGITAL THERMOMETER





AIR VELOCITY

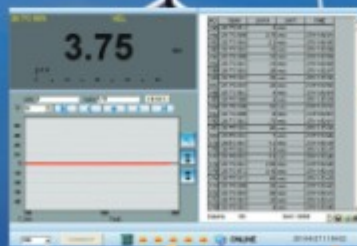
	RANGE	ACCURACY	
		PM6252A	PM6252B
Air velocity	0.40~30.00m/s	±(2.0% + 50)	±(2.0% + 50)
	1.4~108.00km/h	±(2.0% + 50)	±(2.0% + 50)
	1.30~98.50ft/s	±(2.0% + 50)	±(2.0% + 50)
	0.8~58.3knots	±(2.0% + 50)	±(2.0% + 50)
	0.9~67.20mile/h	±(2.0% + 50)	±(2.0% + 50)
	78.0~5900.0ft/m	±(2.0% + 50)	±(2.0% + 50)
Air Temperature	-10~60°C (-14~140°F)		1.5°C (±2.7°F)
Air Relative Humidity	(20~80)%RH		±2%RH@25°C
	(<20 or >80)%RH		±5%RH@25°C
Air Flow	0 to 99990		0 to 9.999ft ²
	0 to 99990		0 to 9.999m ²
	0 to 9999		0 to 9.999 m ²

FEATURE

	PM6252A	PM6252B
Flow Area Setting	✓	✓
MAX/MIN Function	✓	✓
Display Back light	✓	✓
Auto Power Off	✓	✓
Low Battery Indication	✓	✓
USB Interface	✓	✓

GENERAL

Power Supply	1 x 9 V 6 F 22 Battery
Product Weight	Approx 153/156 g
Product Size	168mm X 86mm X 39mm
Safety Standard/Rating	EN61010-1, EN61326-1



DIGIAL ANEMOMETERS

SPECIFICATIONS

Sound Pressure Measurement Scope	30~130dB at A, 35~130dB at C
Sound Pressure Frequency Response	30Hz—8 kHz
Sound Pressure Frequency Weighting	A and C characteristics
Accuracy	±1.5 dB (sound pressure standard, 94 dB @ 1KHz) ±5 dB (sound pressure standard, 94 dB @ 8KHz).
Dynamic Range Of Sound Pressure	50 dB (for each measurement gear level)
Microphone	polarized capacitive microphone
Digital Display	4-digit, resolution: 0.1 dB, sampling rate: 2times/sec
Dynamic Characteristic Of Sound Pressure	FAST 125ms, SLOW 1sec
Bargraph Display	Each analog bar represents 1 dB, sampling rate is 20 times/sec
Measurement Gear Level	30~80dB, 40~90dB, 50~100dB, 60~110dB, 70~120dB, 80~130Db, 6 gear levels in total
Automatic Shifting Gear level	Microcomputer will automatically select the best gear level in the range from 30 to 130 dB

FEATURE

Fast/Slow Selection	✓
Data Hold	✓
Back Light	✓
MAX	✓

GENERAL

Power Supply	4x1.5V AAA Batteries
Size	196 x 60 x 30mm
Weight	Approx. 185g
Safety Standard/Rating	CE RoHS



DIGITAL SOUND LEVEL METER



SPECIFICATIONS

	RANG	Accuracy	Resolution
Measurement range	0-200000Lux	±3%	0.01Lux/0.01FC
	0-20000FC		

FEATURE

Display	2000 Counts
Analog Bar Indication	✓
Auto Range	✓
Manual Range	✓
Auto Power Off	/
MAX/MIN Function	/
Peak Measurement	/
FC/Lux Unit Selection	/
Data Hold	✓

GENERAL

Power Supply	1 x 9V 6F22 Battery
Product Size	168mm x 86mm x 45mm
Product Weight	Approx. 164.5g
Safety Standard/Rating	EN61010-1, EN61326-1



DIGITAL LUXMETERS



SPECIFICATIONS

RANGE	0-200000Lux/ 0-20000FC
Accuracy	±3%
LED Type:	Standard Lighting
	DayTime Light
	Red Light
	Yellow Light
	Green Light
	Blue Light
Purple Light	

FEATURE

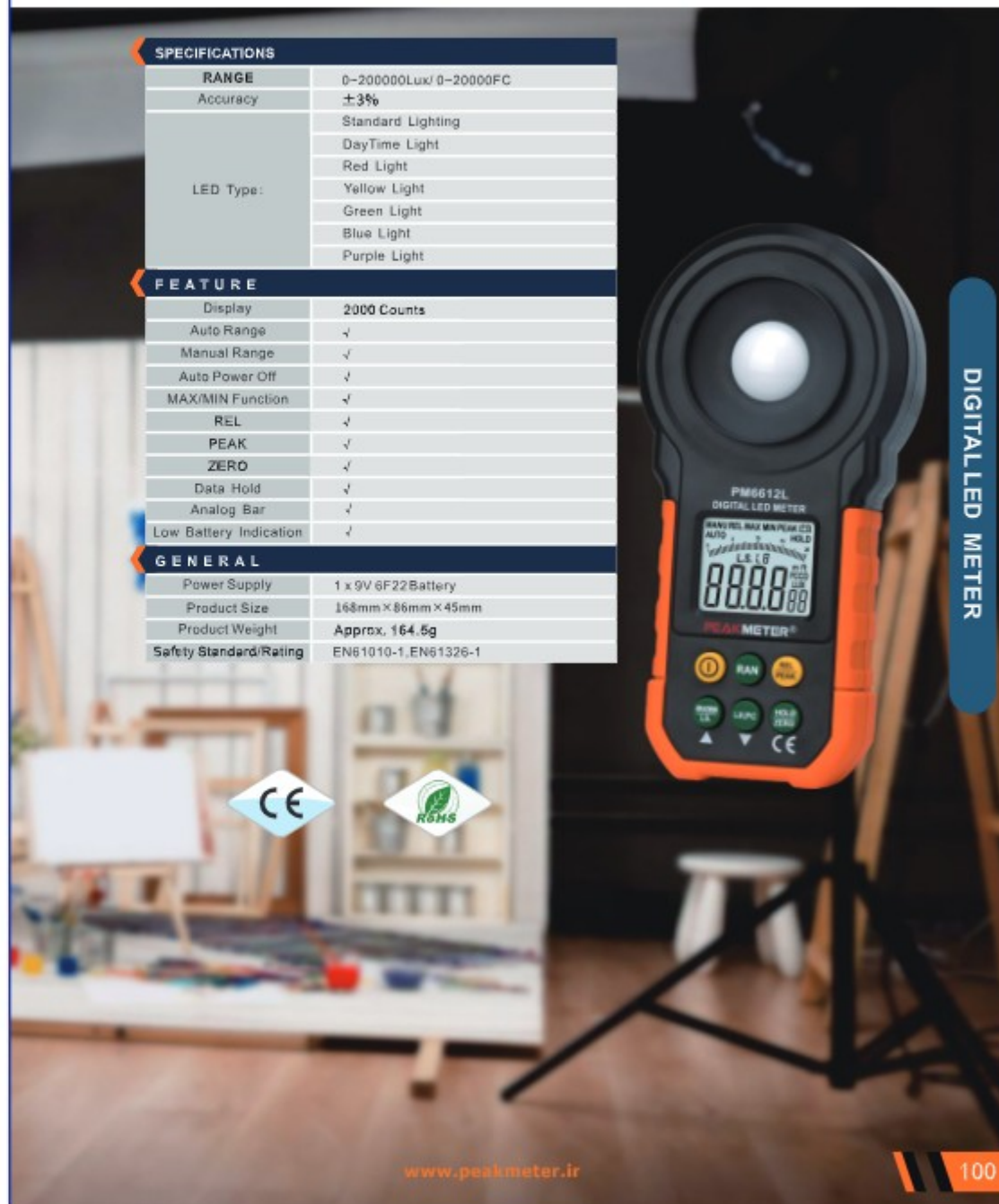
Display	2000 Counts
Auto Range	✓
Manual Range	✓
Auto Power Off	✓
MAX/MIN Function	✓
REL	✓
PEAK	✓
ZERO	✓
Data Hold	✓
Analog Bar	✓
Low Battery Indication	✓

GENERAL

Power Supply	1 x 9V 6F22 Battery
Product Size	168mm x 86mm x 45mm
Product Weight	Approx. 164.5g
Safety Standard/Rating	EN61010-1, EN61326-1



DIGITAL LED METER



FEATURE

Contact Measurement	50~19999RPM ±(0.03%+2)
Measuring Distance	N/A
Auto Power Off	30S
MAX/MIN/AVG Functions	✓
m/min m/sec f/min f/Sec in/min unit selection	✓
Data Logging	100 groups
Data Hold	✓
Display Back Light	✓
Low Battery Indication	✓

GENERAL

Power Supply	4x1.5V AAA Batteries
Product Size	167mm x 60mm x 27mm
Product Weight	Approx. 150g
Safety Standard/Rating	CE RoHS

FEATURE

Non-Contact Measurement	50~99999RPM ±(0.03%+2)
Measuring Distance	50mm~250mm
Auto Power Off	30S
MAX/MIN/AVG Functions	✓
Data Logging	100 groups
Data Hold	✓
Display Back Light	✓
Low Battery Indication	✓

GENERAL

Power Supply	4x1.5V AAA Batteries
Product Size	152mm x 60mm x 27mm
Product Weight	Approx. 120g
Safety Standard/Rating	CE RoHS

DIGITAL TACHOMETER



DIGITAL TACHOMETER



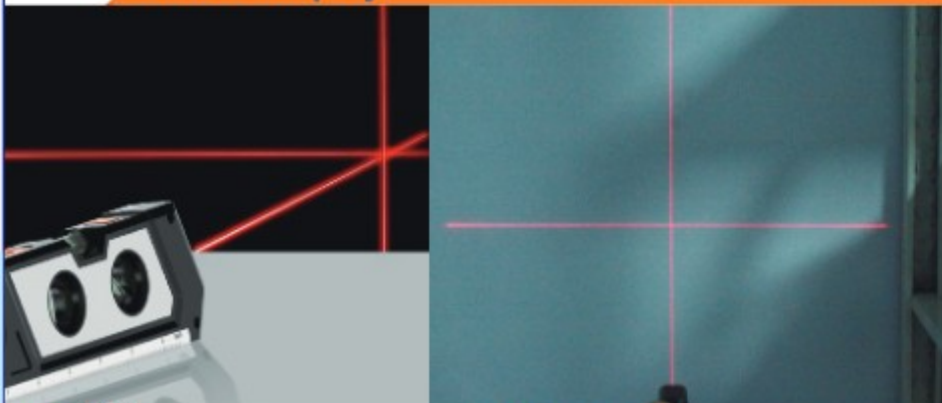


4 in 1 LASER RANGE FINDER

FEATURE

Wavelength	650nm
Laser Grade	Class II
Bubble Angle	0°, 45°, 90°
Temperature	Working Temperature: -10°C~+45°C; Storage Temperature: -20°C~+55°C
Laser Length	≥1.8m(3m from projection)
Laser Width	≥2.0m(3m from projection)
Tape Length	≥3m/10FT
Operating Hours	≥4H
Power Supply	2×1.5V AAA Battery
Size	216×63×32mm
Weight	EN/IEC60285-1/II Type Laser
Safety Standard/Rating	CE/FDA Laser Head/FCC

Laser display



SPECIFICATIONS

	RANGE	ACCURACY	RESOLUTION
mV Measure(INPUT)	0-100mV	±(0.02%+2)	0.01mV
mV Source(OUTPUT)	0-100mV	±(0.02%+2)	0.01mV
V Measure(INPUT)	0-10V	±(0.02%+2)	0.001V
V Source(OUTPUT)	0-10V	±(0.02%+2)	0.001V
mA Measure(% of span)	0 to 24 mA (-25% to 125%)	±(0.015%+4)	0.001 mA
mA Source(% of span)	0 to 24 mA (-25% to 125%)	±(0.015%+4)	0.001 mA
Loop Power	24 V DC	±10%	

FEATURE

Measure loop current (0-24 mA) signals with very high accuracy of 0.015% and 1uA resolution
 Measure voltage output process signals from PLCs, transmitters
 Source or simulate 24 mA loop current
 Source voltage to 100 mV or 10V
 24V loop supply with simultaneous current measurement

GENERAL

Power Supply	2×1.5V AA Batteries
Weight	Approx. 345.5g
Size	194mm×94mm×54mm
Safety Standard/Rating	EN61010-1, EN61326-1

DIGITAL CALIBRATOR



SOCKET TESTERS



FEATURE

Wire Track	Directly track wire type: RJ45, RJ11 Track other wire through the attachment
Working Current	Emitter: 20mA ~ 90mA receiver: 40mA ~ 50mA
Continuity Indication	The signal indicator is used as the path resistance indicator. One more indicator light will be on every 100 Ω, and all lights will be on above 1K.
Continuity Test	resistance value is less than 1K, it is considered as continuity
Emitter Charging Current	500mA
Under Voltage Indication	Transmitter: less than 3.6V. LED flashing receiver: less than 7V. LED flashing
Transmission Signal Mode	Digital signal: multifrequency pulse analog signal: audio pulse
Maximum Data Transmission Distance	>1000m
Data Signal Detection Depth	0~2m
Maximum Transmission Distance of Analog Signal	>300m
Detection depth of analog signal	0~0.3m

GENERAL

Power Supply	Receiver: DC 1×9V 6LR61 Battery Emitter: DC 1×3.7V Battery
Product Size	Receiver: 212.5mm×45mm×28mm Emitter: 125mm×66mm×30mm
Product Weight	Receiver: Approx. 179.6g Emitter: Approx. 144.6g
Safety Standard/Rating	CE CAT. 500V RoHS



FEATURE

Wire Track	Directly track wire type: RJ45, RJ11 Track other wire through the attachment
Sequence Collation	Open circuit, short circuit, detection of cable line sequence
Network Wire Collation	Test device used with UTP (Unshield Twisted Pair) and STP (Shield Twisted Pair) wiring. Test for open circuits, shorts, miswires, reversals, and split pairs. Allow one person to tests T568A, 10Base-T, and Token Ring.
DC Level Test	DC level test
Telephone Line Test	Identify the state of working telephone line (dear, ring, busy)
Continuity	Judge continuity of the cables or wires
Switch Port Collation	Detection switch connected condition

GENERAL

Power Supply	Receiver: 1 x 9V 6F22 Battery Emitter: 3x1.5V AA Batteries
Product Size	Receiver: 210mm x 44mm x 25mm Emitter: 122mm x 66mm x 28mm
Product Weight	Receiver: Approx. 81.6g Emitter: Approx. 99g
Safety Standard/Rating	CE CAT. III 600V RoHS


SPECIFICATIONS

	PM6860B	PM6860BG
Voltage Range	110V	110V
GFCI/RCD Test		✓
Tripping Current		> 5mA
LED Indicate Condition Of The Socket's Wiring	Correct	
	Missing Earth	
	Live - Earth Reverse	
	Live - Neutral Reverse	
	Missing Neutral	

GENERAL

Product Size	66mm x 61mm x 57mm
Product Weight	Approx. 48.5/47.5g
Safety Standard/Rating	EN61010-1, EN61326, CAT. III 600V



PM 6860B



PM 6860BG



PM 6860B/BG

SPECIFICATIONS

	PM6860D	PM6860DR
Voltage Range	230V	280V
GFCI/RCD Test		✓
Tripping Current		> 30mA
LED Indicate Condition Of The Socket's Wiring	Correct	
	Missing Earth	
	Live -Earth Reverse	
	Live -Neutral Reverse	
	Missing Neutral	

GENERAL

Product Size	66mm×61mm×57mm
Product Weight	Approx. 56g
Safety Standard/Rating	EN61010-1, EN61326, CAT.III 600V



PM 6860D



PM 6860DR



PM 6860D/DR

SPECIFICATIONS

	PM6860E	PM6860ER
Voltage Range	230V	230V
GFCI/RCD Test		✓
Tripping Current		> 30mA
LED Indicate Condition Of The Socket's Wiring	Correct	
	Missing Earth	
	Live -Earth Reverse	
	Live -Neutral Reverse	
	Missing Neutral	

GENERAL

Product Size	66mm×61mm×61mm
Product Weight	Approx. 60g
Safety Standard/Rating	EN61010-1, EN61326, CAT.III 600V



PM 6860E



PM 6860E/ER



PM 6860ER

NEW
SPECIFICATION

Voltage Range	110V 50Hz/60Hz
GFCI/RCD Test	✓
Tripping Current	>6mA
LED Indicate Condition Of The Socket's Wiring	Correct
	Missing Earth
	Live -Earth Reverse
	Live -Neutral Reverse
	Missing Neutral

FEATURE

Other national standards available

GENERAL

Product Size	38.4g
Product Weight	42.2mm×87.4mm×24.8mm
Safety Standard/Rating	IEC61010-1 CAT III 30V


NEW
SPECIFICATION

	RANG	ACCURACY
AC voltage	30V-250V	± (1.5%+5)
RCD Test	>30mA @ 220V AC 50/60Hz	0%~+20%
GFCI Test	>6mA @ 110V AC 50/60Hz	0%~+20%
AFDD Test	Support (parameters to be updated)	
Trip time measurement	1.0ms-500ms	± (2.0%+5)

FEATURE

Non contact voltage detection range	AC voltage 36 ~ 1000 V, 50 Hz or 60Hz
Measurable voltage type	Between live wire and neutral wire, between live wire and ground wire
Alarm Mode	Sound, light and display screen indication
Socket test	Correct wiring, live line neutral, live reverse connection, live line ground line reverse connection, lack of neutral line, lack of ground
Service Temperature	0-40°C
Storage Temperature	-10-50°C
Altitude	<2000m
Auto Power Off	About 5 minutes
Low Battery Indication	✓
Data Hold	✓
Backlight	✓

Other national standards available

GENERAL

Power Supply	CR2450 X1 button cell
Weight	
Size	
Safety Standard/Rating	IEC61010-1 CAT III 600V



GAS DETECTOR



SPECIFICATIONS

PM 6310

- Portable and high sensitivity.
- Easy to identify and pinpoint gas leaks.
- Alarm at 10%~40%Level.
- Sound and light alarm function
- Resume original measurement state after approx. 10minutes in clean air.
- Combustible gas: methane, naturalgas, propane, ethane, butane, acetone, alcohol, steam, ammonia,
- Carbon monoxide, jet fuel, gasoline, hydrogen solvents, lacquers thinner, naphtha.
- Warm up time: 2minutes.
- Response time: <2S (40%LEL)

GENERAL

Power Supply	4×1.5V AA Batteries
Size	200mm×72mm×46mm
Metal Hose Length	400mm
Weight	Approx.271g
Safety Standard/Rating	EN61010-1, EN61326-1



GAS DETECTOR



NEW



SPECIFICATIONS

PM 6308

- Automatic Shutdown
- Preheating time is about 35 seconds
- Under voltage indication
- Mute control
- Sensitivity control
- Alarm mode: sound and indicator light
- Response range: approximately 50PPM~1000PPM (methane)
- Sensitivity: approximately<50PPM (methane)
- Detection gas: acetone, alcohol, ammonia, benzene, ethanol, gasoline, ethane, hydrogen, methane, natural gas, oil, etc

GENERAL

Power Supply	2×1.5V AAA Alkaline Batteries
Size	156mm×29mm×24mm
Weight	58g(Including Battery)

ACCESSORIES



T3001
 Probe Length: 130mm, Tip: 42mm
 Plug: 4mm Cross Plug, right angle type
 Wire: 20AWG, red/black
 Length: 1050mm
 Safety Class: EN61010-031, 1000V CATIII/600V CATIV, MAX 10A



T3002
 Probe Length: 125mm, Tip: 42mm
 Plug: 4mm Cross Plug, right angle type
 Wire: 22AWG, red/black
 Length: 850mm
 Safety Class: EN61010-031, 1000V CATIII, MAX 10A



T3006
 Probe Length: 130mm, Tip: 44mm Banana
 Plug: 4mm Banana Plug, right angle type
 Wire: 18AWG, red/black
 Length: 1200mm
 Safety Class: EN61010-031, 1000V CATIII/600V CATIV, MAX 10A



PM3203
 Diode-triode socket
 For: PMB237



P3408A/B
 K Type Thermocouple
 Range: -40~200°C (-40°F~550°F)
 Length: 1000mm
 Type A: Plug Length 12mm, Type B: Plug Length 16mm



P3409A/B
 K Type Thermocouple
 Range: -20~600°C (-68°F~1112°F)
 Length: 1400mm
 Type A: Plug Length 12mm, Type B: Plug Length 16mm



P3412
 K Type Thermocouple
 Range: 40~290°C (40°F~500°F)
 Length: 1000mm



A3102
 Big Mouth Alligator Clip, MAX 36mm
 Plug: 4mm Jack
 Color: Red/Black

ACCESSORIES



MS3200
 Multi-function socket
 Feature: Transistor Temperature
 Capacitor
 For: MY80181/84/85



MS3201
 Multi-Function Socket
 Feature: Transistor Temperature
 Capacitor Inductance
 For: MS31/85/86/88/89



B3801A/B
 Size:
 A: 300X200X60mm
 B: 210X130X50mm
 Material: Sacking
 Colour: Black



B3802A/B
 Size:
 A: 215X100X35mm
 B: 165X80X35mm
 Material: Sacking
 Colour: Black



F3901
 FF250mA/250V, 4.5x20, VDE/UL



F3902
 FF10A/250V, 6.5x20, VDE/UL



F3903



F3904