

MS 2302

접지 저항 측정기

Earth Resistance Tester



SPECIFICATIONS			
Parameter	Range	Accuracy	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	Measurement Functions
2 Pole and 3 Pole Mode	Data Logging: 100 group
Earth Resistance by Constant Current Inverter 800Hz / 3mA	Display Back LIGHT
MAX / MIN / AVG / REL	Low Battery Indication

GENERAL	
Power Supply	6 x 1.5V AA Battery
Product Size	194mm x 150mm x 72mm
Product Weight	Approx. 858g
Safety Standard / Rating	EN61010-1, EN61557-3, EN61326-1, CAT.IV 600V

MS 5205

디지털 절연 저항계

Digital Insulation Tester



SPECIFICATIONS				
	SOURCE OUTPUT VOLTAGE	MEASURING RANGE	SOURCE OUTPUT VOLTAGE	MEASURING RANGE
Insulation Tests	250V (0% ~ +20%)	0.01MΩ ~ 1000MΩ ± (3%+5)	1000V (0% ~ +20%)	0.01MΩ ~ 1000MΩ ± (3%+5)
		1GΩ ~ 2.5GΩ ± (5%+5)		1GΩ ~ 10GΩ ± (5%+5)
	500V (0% ~ +20%)	0.01MΩ ~ 1000MΩ ± (3%+5)	2500V (0% ~ +20%)	0MΩ ~ 2000MΩ ± (3%+5)
		1GΩ ~ 5GΩ ± (5%+5)		2000MΩ ~ 20GΩ ± (5%+0.2GΩ)
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	DCV and ACV Test
Store/Load Function	Continuity Test
Compare Function	Auto Power Off
Timer Function for Insulation Test	Digital and Analog Display
Lock Function for Insulation Test	

GENERAL	
Power Supply	6 x 1.5V AA Batteries
Product Size	190mm x 145mm x 70mm
Product Weight	Approx. 893g
Safety Standard / Rating	EN61010-1, EN61557-1, EN61326-1, CAT.III 1000V/CAT.IV 600V

PM 1508

디지털 절연 저항계

Digital Insulation Resistance Tester



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	0.1MΩ	± (1.5%+5)				
		200-500MΩ	1MΩ	± (5%+5)				
		0.5-5.0GΩ	0.01GΩ	± (10%+5)				
	500V (100%-120%)	0.00-500.0MΩ	0.1MΩ	± (1.5%+5)				
		0.5-1.0GΩ	1MΩ	± (5%+5)				
		1.0-10.0GΩ	0.01GΩ	± (10%+5)				
1000V (100%-120%)	0.00-1000.0MΩ	0.1MΩ	± (1.5%+5)					
	1.00-10.00GΩ	1MΩ	± (5%+5)					
	10-30GΩ	0.1GΩ	± (10%+5)					
VOLTAGE TYPE	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	0.01Ω	± (2%+5)				
					0-200.0Ω			
Frequency Measurement	TEST RANGE	RESOLVING POWER	0.1Hz	± (0.1%+3)				
					1-1kHz (Voltage ≥10V)			

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

MS 2205

클램프 전력 분석기

Digital Harmonic Power Clamp Meter



SPECIFICATIONS		
MEASUREMENT	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 (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	Ø50mm/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 96mm X 50mm
Product Weight	Approx. 530g
Safety Standard / Rating	EN61010-1, EN61010-2-032, EN61326, CAT.III 600V

PM 8225C

디지털 멀티 테스터기

Digital Multimeter



SPECIFICATIONS		
	RANG	ACCURACY
PM8225C / PM8225D		
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/600mA	± (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	6A/10A	± (1.5%+3)
	600Ω/6KΩ/60KΩ/600KΩ/6MΩ	± (1.2%+5)
Capacitance	60MΩ	± (2.0%+5)
	10nF/100nF/1μF/10μF/100μF	± (3.0%+5)
Frequency	10Hz-10MHz	± (1.0%+5)
Duty	1% ~ 99%	± (3.0%+5)
K-type Thermocouple Temperature (Only PM8225D)	-20°C ~ 1000°C -4°F ~ 1832°F	± (2.0%+2)

PM 8215

미니 포켓 디지털 멀티미터

Mini Pocket Digital Multimeter



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

PM 8229

디지털 멀티 테스터기

Multi-Sensors Digital Multimeter



SPECIFICATIONS		
Measurement	Range	Accuracy
DC Voltage	60mV/600mV/6V/60V/600V/1000V	± (0.7%+2)
	60mV/600mV/6V/60V	± (0.8%)
AC Voltage	750V	± (1.0%+3)
	600μA/6000μA/60mA/600mA/6A	± (1.2%+3)
DC Current	10A	± (2.0%+10)
	600μA/6000μA/60mA/600mA/6A	± (1.5%+3)
AC Current	10A	± (3.0%+10)
	600Ω/6KΩ/60KΩ/600KΩ/6MΩ	± (1.2%+5)
Resistance	60MΩ	± (2.0%+5)
	10nF/100nF /1000nF/10μF/100μF/10mF	± (3.0%+3)
Capacitance	0.1% ~ 99.9%	± 3.0%

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

GENERAL	
Power Supply	4 x 1.5V AA
Size	204mm x 94mm x 57mm
Weight	410g
Safety Standard / Rating	EN61010-1, EN61010-2-033, EN61326, CAT.III 1000V

PM 2016S

미니 AC 클램프 미터기

Mini AC Digital Clamp Meter



SPECIFICATIONS			
SPECIFICATION	RANGE	ACCURACY	
DC Voltage	0.5V ~ 600.0V	PM2016A	±(0.5%+3)
		PM2016S	-
AC Voltage	1.0V ~ 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)

FEATURES		
Counts	PM2016A	PM2016S
Auto Range	6000 Counts	6000 Counts
AC Current	✓	✓
DC Voltage	6A/60A/200A	6A/60A/200A
AC Voltage	600.0V	600.0V
Continuity	600.0V	600.0V
Resistance	< 50Ω	< 50Ω
V/Q/A Auto Scan	6kΩ	6kΩ
Frequency (Clamp)	-	✓
Frequency (Voltage)	-	1kHz
Data Hold	✓	✓
Backlight	✓	✓
NCV	-	✓

GENERAL	
Power Supply	2 x 1.5V AAA Batteries
Product Size	156mm x 55mm x 29mm
Jaw Size	20mm
Product Weight	Approx. 122g
Safety Standard / Rating	EN61010-1, EN61010-2-032, EN61326, CAT.III 600V

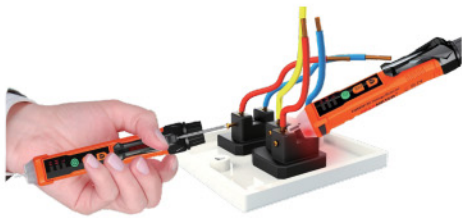
13개 레이저 포인트



PM 6530B+
레이저 적외선 온도계
Infrared Thermometer

SPECIFICATIONS	
IRT Temperature	-50°C ~ 800°C ±(1.5%+2°C) -58°F ~ 1472°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	-50°C ~ 800°C / -58°F ~ 1472°F
Temperature Bridge Alarm (Red/Yellow/Green LED)	✓
Hold	✓
Back Light	✓
Auto Power Off	✓
Low Battery Indication	✓
MAX	✓
GENERAL	
Power Supply	1 X 9V 6F22 Batteries
Size	163mm X 101mm X 48mm
Weight	Approx. 156g
Safety Standard / Rating	EN61326, EN60825

PM 8909C
비접촉 저압 검전기(고급형)
Double Sensitivity
Non-contact AC 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	✓
Low Battery Indication	✓
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	2 X 1.5V AAA Batteries
Size	156mm X 31mm X 20mm
Weight	Approx. 39g
Safety Standard / Rating	EN61010-1, EN61010-2-033, EN61326, CAT. III 1000V

PM 8908C
비접촉 저압 검전기
Non-contact AC Voltage Detector



SPECIFICATIONS	
AC voltage detection range	About 12~1000V
Frequency	50Hz/60Hz
Alarm Mode	Sound And Light
Flash Light	White
Auto Power Off	✓
Probe Shape	Prolate
Low-Battery Indication	✓
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	2x1.5VAAA Batteries
Size	156mm X 27mm X 20mm
Weight	Approx. 33g
Safety Standard / Rating	EN61010-1, EN61010-2-033, EN61326, CAT. III 1000V

