

Clamp

Insulation

DMMs

Detectors

Earth

Power
quality

Power
consumption

Battery

PV

Logger

LAN

Signal

Lux

Temperature

Sound

CE * IR4056-20 only

INSULATION TESTER IR4056-20, IR4056-21



With

- TEST LEAD L9787
- Neck strap
- LR6 alkaline battery x4
- Instruction manual

IR4056-20



With

- TEST LEAD SET WITH REMOTE SWITCH L9788-11
- Neck strap
- LR6 alkaline battery x4
- Instruction manual

IR4056-21 Not CE marked



5 ranges

Comparator decision response time : 0.8 s

CAT III 600 V

CE

INSULATION TESTER IR4057-50



With

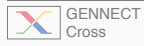
- CONNECTION CABLE L4930
- ALLIGATOR CLIP SET L4935
- TEST PIN SET L4938
- Neck strap
- LR6 alkaline battery x4
- Instruction manual

IR4057-50



WIRELESS ADAPTER Z3210 (Option)
Attach to enable Bluetooth® wireless technology

With Z3210



Bluetooth®

Please see www.hioki.com for list of supported regions.



5 ranges

Comparator decision response time : 0.3 s

Digital bar graph

CAT III 600 V

CE

INSULATION TESTER (For Photovoltaic Generation Systems) IR4053-10



With

- TEST LEAD L9787
- Neck strap
- LR6 alkaline battery x4
- Instruction manual

IR4053-10



5 ranges

Comparator decision response time : 0.8 s

Comparator decision response time (PV) : 4 s

CAT III 600 V

Model	IR4056, 57-50	IR4053							Basic accuracy	
Measurement parameters	Insulation resistance	✓	✓	Testing voltage (DC)	50 V	125 V	250 V	500 V	1000 V	-
				Effective maximum indicated value (MΩ)	100	250	500	2000	4000	-
				1st effective measuring range (MΩ)	0.200 to 10.00	0.200 to 25.0	0.200 to 50.0	0.200 to 500	0.200 to 1000	±2% rdg ±2 dgt
				2nd effective measuring range (MΩ)	10.1 to 100.0	25.1 to 250	50.1 to 500	501 to 2000	1010 to 4000	±5% rdg
	PV Ω measurement	N / A	✓	Testing voltage (DC)	500 V		1000 V		-	
				Effective maximum indicated value (MΩ)	2000		4000		-	
				1st effective measuring range (MΩ)	0.200 to 500		0.200 to 1000		±4% rdg	
				2nd effective measuring range (MΩ)	501 to 2000		1010 to 4000		±8% rdg	
	DC Voltage	N / A	✓	4.200 V/42.00 V/420.0 V/1000 V						±1.3% rdg ±4 dgt ⁻¹
		✓	N / A	4.200 V/42.00 V/420.0 V/600 V						±1.3% rdg ±4 dgt ⁻¹
AC Voltage	✓	✓	420.0 V ⁻² /600 V						±2.3% rdg ±8 dgt ⁻¹	
Low resistance measurement	✓	N / A	10.00 Ω/100.0 Ω/1000 Ω						±3% rdg ±2 dgt	

Operating temperature	IR4056, 57-50: -25°C to 65°C, 90% RH or less (non-condensating) IR4053: 0°C to 50°C, 90% RH or less (non-condensating)
Storage temperature	IR4056, 57-50: -25°C to 65°C, 90% RH or less (non-condensating) IR4053: -10 °C to 50°C, 90% RH or less (non-condensating)
Dustproof and waterproof	IP40
Standards	EN61326 (EMC) EN61557-1/-2/-4 ³ /10
Power supply	LR6 alkaline battery x4
Continuous operating time	20 hours
Dimensions (W × H × D)	159 × 177 × 53 mm (6.26 × 6.97 × 2.09 inch)
Weight	IR4056, 53: 600 g (21.2 oz) IR4057-50: 640 g (22.6 oz)

*1 Ranges in excess of 600 V/1000 V are outside the accuracy guarantee
*2 Minimum indicated value: 30.0 V
*3 Subclause 4.3 of Part 4 (interchanging of test leads) is not applicable when L9788-10 is used

Order code **IR4056-20**

Order code **IR4056-21**

Order code **IR4057-50**

Order code **IR4057-90**

Order code **IR4053-10**

Order code **Z3210**

Model IR4057-90 includes Z3210 as a set