

HIOKI

INSULATION TESTER Series



INSULATION TESTERS

Analog Meters

DROP PROOF



Built tough to withstand a 1-meter drop onto a concrete floor



Single range
IR4016-20
IR4017-20
IR4018-20

3 range
3490

See better in the dark



Bright LED

Significantly improve testing speed using test lead with remote switch



L9788-11 (Option)

- Start and stop the test at the touch of a button
- Illuminate the test location with a bright white LED
- Work safely knowing that when the RED is lit, live wires, high voltage or electrical discharge is present

Check for Live Circuits



The LIVE CIRCUIT LED will light up in red whenever the voltage exceeds 20 V AC between the LINE and EARTH terminals, and when at least 20 V DC is still remaining during the auto discharge.

One-touch Start and Stop

Single test



Measurement voltage is applied while MEASURE key is pressed

Continuous test



Lift and lock the MEASURE key to apply a continuous stream of voltage

Flip the Cover

Quick and easy storage without disconnecting the leads



Check the Battery Status



Lineup



Product warranty for 3 years
Accuracy guaranteed for 1 year

Measurement parameters	1 Range	 IR4016 -20	Testing voltage (DC)	500 V		
			Effective maximum indicated value	100 MΩ		
			1st effective measuring range	0.1 MΩ to 50 MΩ		
			2nd effective measuring range	0.01 MΩ to 0.1 MΩ or less 50 MΩ or more to 100 MΩ		
	1 Range	 IR4017 -20	Testing voltage (DC)	500 V		
			Effective maximum indicated value	1000 MΩ		
			1st effective measuring range	1 MΩ to 500 MΩ		
			2st effective measuring range	0.5 MΩ to 1 MΩ or less 500 MΩ or more to 1000 MΩ		
	1 Range	 IR4018 -20	Testing voltage (DC)	1000 V		
			Effective maximum indicated value	2000 MΩ		
			1st effective measuring range	2 MΩ to 1000 MΩ		
			2nd effective measuring range	1 MΩ to 2 MΩ or less 1000 MΩ or more to 2000 MΩ		
3 Ranges	 3490	Testing voltage (DC)	250 V	500 V	1000 V	
		Effective maximum indicated value	100 MΩ		4000 MΩ	
		1st effective measuring range	0.05 MΩ to 50 MΩ		2 MΩ to 1000 MΩ	
		2nd effective measuring range	0.01 MΩ to 0.05 MΩ or less 50 MΩ to 100 MΩ		0.5 MΩ to 2 MΩ 1000 MΩ to 4000 MΩ	
Accuracy (Insulation)			±5% of indicated value (1st effective measuring range) ±10% of indicated value (2nd effective measuring range)			
AC Voltage			0 to 600 V			

Other	Operating temperature	0°C to 40°C, 90% rh or less (non-condensating)
	Storage temperature	-10°C to 50°C, 90% rh or less (non-condensating)
	Dustproof and waterproof	IP40
	Drop proof	YES
	Backlight	YES
	Safety standard category	CAT III 600 V
	Standards	EN61010 (Safety), EN61326 (EMC)
	Power supply	LR6 alkaline battery x4
	Continuous operating time	20 hours
	Dimensions(W x H x D)	IR4016, 17, 18: 162 x 182 x 57 mm (6.38 x 7.17 x 2.24 in) 3490: 162 x 167 x 52 mm (6.38 x 6.57 x 2.05 in)
	Mass	IR4016, 17, 18: 820 g (28.9 oz), 3490: 840 g (29.6 oz)

Accessories



L9787

- TEST LEAD L9787 (1.2 m)
- Neck strap
- LR6 alkaline battery x4
- Instruction manual

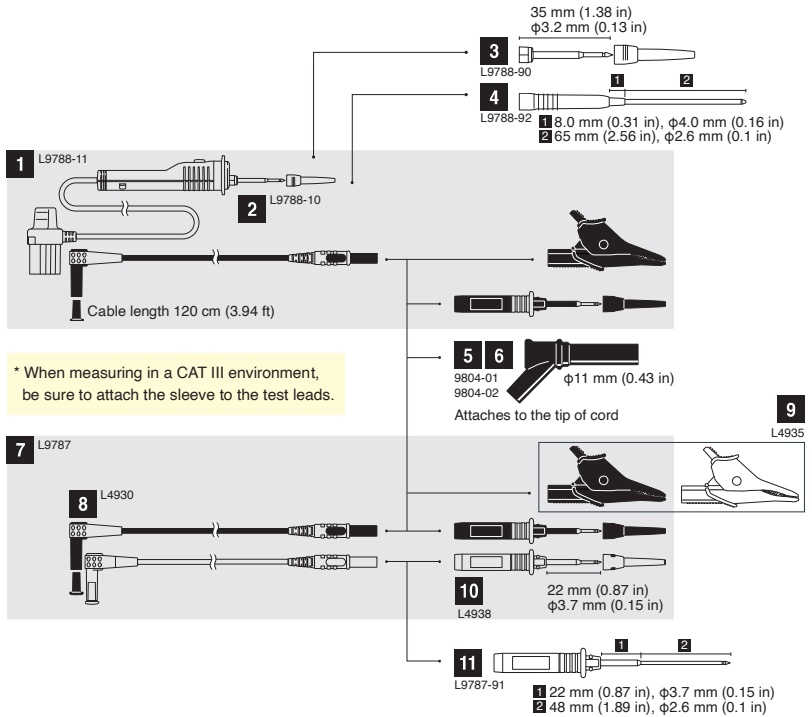
Order code **IR4016-20**Order code **IR4017-20**Order code **IR4018-20**Order code **3490**

Options

- IR401X, IR405X, 3490**
- 1 TEST LEAD SET WITH REMOTE SWITCH L9788-11
 - 2 TEST LEAD WITH REMOTE SWITCH (RED) L9788-10
 - 3 TIP PIN L9788-90
 - 4 BREAKER PIN L9788-92
 - 5 MAGNETIC ADAPTER 9804-01
 - 6 MAGNETIC ADAPTER 9804-02
 - 7 TEST LEAD L9787
 - 8 CONNECTION CABLE SET L4930
 - 9 ALLIGATOR CLIP SET L4935
 - 10 TEST PIN SET L4938
 - 11 BREAKER PIN L9787-91
 - 12 WIRELESS ADAPTER Z3210



- IR3455**
- | | | |
|----|----------------------------|---|
| 1 | TEST LEAD 9750 -01 | RED, 3 m (9.84 ft) |
| 2 | TEST LEAD 9750 -02 | BLACK, 3 m (9.84 ft) |
| 3 | TEST LEAD 9750 -03 | BLUE, 3 m (9.84 ft) |
| 4 | TEST LEAD 9750 -11 | RED, 10 m (32.81 ft) |
| 5 | TEST LEAD 9750 -12 | BLACK, 10 m (32.81 ft) |
| 6 | TEST LEAD 9750 -13 | BLUE, 10 m (32.81 ft) |
| 7 | ALLIGATOR CLIP 9751 -01 | RED |
| 8 | ALLIGATOR CLIP 9751 -02 | BLACK |
| 9 | ALLIGATOR CLIP 9751 -03 | BLUE |
| 10 | TEMPERATURE SENSOR 9631-01 | Molded plastic thermistor type (1 m (3.28 ft)) |
| 11 | TEMPERATURE SENSOR 9631-05 | Molded plastic thermistor type (5 cm (0.16 ft)) |
| 12 | AC ADAPTER 9418-15 | |
| 13 | BATTERY PACK 9459 | |



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