

INSULATION TESTER SERIES

ANALOG MΩ HiTESTER IR4016-20 to IR4018-20

Reliable and Efficient Insulation Testing in the field

- Single range insulation resistance meters
- Luminous scale lets you see better in the dark
- Drop proof (1m)

Common SPECIFICATIONS

Discharge function : effective

Power source : Rated power voltage: 1.5 VDC× 4,
AA alkaline (LR6) battery × 4

Dimensions, mass : Approx. 159W × 177H × 53D mm, 610 g
(6.26"W × 6.97"H × 2.09"D, 21.5 oz.)
including battery, not including test lead

Accessories : TEST LEAD L9787(1), Shoulder strap(1)

Safety : EN61010, EMC EN61326, EN61557-1/-2



OPTIONS

- Refer to P.3 →

BREAKER PIN (for Models L9787) L9787-91

MAGNETIC ADAPTER (for Models L9788-01, L9787) 9804-02

- Refer to P.6 →

TEST LEAD WITH REMOTE CONTROL SWITCH (1m) L9788
COMPLETE TEST LEAD WITH REMOTE CONTROL SWITCH (1m) L9788-01
TIP PIN (replacement pin for Model L9788) L9788-90

SPECIFICATIONS

| Model | IR4016-20 | IR4017-20 | IR4018-20 |
|--|--|--|---|
| Testing voltage | 500 V DC | 500 V DC | 1000 V DC |
| Effective maximum indicated value | 100 MΩ | 1000 MΩ | 2000 MΩ |
| First effective measurement range and tolerances | ±5 % of scale indication at 0.1 to 50 MΩ | ±5 % of scale indication at 1 to 500 MΩ | ±5 % of scale indication at 2 to 1000 MΩ |
| Second effective measurement range and tolerances | ±10 % of scale indication at 0.01 to 0.1 MΩ, 50 to 100 MΩ | ±10 % of scale indication at 0.5 to 1 MΩ, 500 to 1000 MΩ | ±10 % of scale indication at 1 to 2 MΩ, 1000 to 2000 MΩ |
| Lower limit measurement resistance value to be maintained rated output voltage | 0.5 MΩ | 0.5 MΩ | 1 MΩ |
| Open circuit voltage | 1 to 1.2 times of rated output voltage | | |
| Rated current | 1mA (Tolerance: 1 to 1.2 times of the rating value) | | |
| AC voltage range | 0 to 600 V (50/60 Hz), ±5% of maximum scale value accuracy | | |
| Input resistance | 500 kΩ or more (50/60Hz) | | |

Advanced Features (IR4016-20 to IR4018-20 and 3490)

Flip the Cover



Quick and easy storage without disconnecting the leads

Luminous Scale



See better in the dark

Bright LED

- Work safely knowing that when the RED is lit, live wires, high voltage or electrical discharge is present
- The super bright light at the tip of the optional 9788 Test Leads adds to efficiency

Check for Live Circuits



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

