



FLIR IM75

Insulation & DMM Combo with METERLiNK®

The FLIR IM75 is both an advanced multifunction digital multimeter and premier handheld insulation tester for installation, troubleshooting and maintenance professionals. The IM75 includes several specialty insulation modes including: Polarization Index, Dielectric Absorption and Earth Bond Resistance. Insulation tests can be performed instantly, continuously and over a timed duration for in-depth assessment.

KEY FEATURES

- Advanced Insulation Modes: Insulation Resistance up to 20 GΩ, PI, DAR, Earth Bond Resistance
- Multiple ranges of resistance insulation test levels available via rotary switch: 50V, 100V, 250V, 500V, 1000V
- Multi-color LED indicator with Compare Mode makes pass/fail determinations easy and visible
- True RMS DMM measurements features reliable performance and 1000V range
- VFD Mode for superior accuracy on variable controlled drive equipment
- Remote viewing of real time readings on Android™ and iOS™ smartphones and tablets with METERLiNK® connectivity and free FLIR Tools Mobile app
- Transmit readings to METERLiNK-enabled FLIR thermal imaging cameras to document and analyze thermal changes during insulation measurements
- Extremely bright LED worklights in a flood pattern to illuminate test areas and targets
- Durable double-molded construction (IP54, 2m Drop Test)
- Ready for work with plenty of accessories: silicone CAT IV test leads with screw on silicone insulated alligator clips, and magnetic hanging strap

INCLUDES

- TA81 CAT IV Silicone Insulated Test Probes with screw on insulated alligator clips, TA50 Magnetic hanging strap, 6 x AAA batteries, User manual/CD



Specifications

| TECHNICAL SUMMARY | MAX RANGE | BASIC ACCURACY |
|--------------------------|-------------------------------|----------------|
| Insulation Resistance | 4M to 20GΩ | ±1.5% |
| Insulation Test Voltages | 50, 100, 250, 500 and 1000V | ±3.0% |
| DC Voltage | 1000.0V | ±0.1% |
| AC Voltage | 1000.0V | ±1.5% |
| VFD AC Voltage | 1000.0V | ±1.5% |
| Earth Bond Resistance | 40Ω to 40KΩ | ±1.5% |
| Capacitance | 10 mF | ±1.2% |
| Frequency (ACV) | 40kHz | +/- 5 digits |
| Diode Test | 2V | ±1.5% |
| Continuity | 400.0Ω | ±0.5% |
| GENERAL INFORMATION | | |
| IP Rating, Drop Test | IP 54, 2m (6.6') | |
| Category Rating | CAT III-1000V, CAT IV-600V | |
| Bluetooth Range | 10m (32') | |
| Battery Type | 6 x AAA | |
| Memory | 99 internal storage locations | |
| Operating Temperature | 32 to 122°F (0 to 50°C) | |
| Warranty | Limited Lifetime* | |

* When registered within 60 days of purchase.



IM75 Features powerful worklights



Ordering Information

IM75... Insulation & DMM with VFD and METERLiNK™

IM75-NIST.....IM75 with Certificate of Traceability to NIST

Accessories

TA10.....Protective case for DM9x and IM7x Series

TA50Magnetic Hanging Strap

TA70CAT IV Insulated Alligator Clips

TA80CAT IV Silicone Test Leads

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