

FLIR IM75

Insulation & DMM Combo with METERLiNK®

The FLIR IM75 is both a premier handheld insulation tester and advanced multifunction digital multimeter 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.

Dual-function device.

Multifunctional DMM & insulation tester in one

- Handheld insulation tester for installation, troubleshooting and maintenance
- Multiple ranges of resistance insulation test levels available: 50V, 100V, 250V, 500V, 1000V
- Transmit readings to METERLiNK-enabled FLIR thermal imaging cameras, or view real-time readings on Android or iOS devices with free FLIR Tools Mobile app

True measurements, reliable performance.

Advanced instant insulation tests and more

- True RMS DMM measurements with 1000V range
- VFD Mode for superior accuracy on variable controlled drive equipment
- Insulation modes: Polarization Index, Dielectric Absorption and Earth Bond Resistance



IM75 Features powerful worklights

Efficient illumination and rugged design.

Built to make any job easier

- Bright LED worklights to illuminate test areas and targets
- Multi-color LED display with Compare Mode makes pass/fail determinations easy
- Durable double-molded construction (IP54, 3m Drop Test)

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, 3m (9.8')	
Category Rating	CAT III-1000V, CAT IV-600V	
Bluetooth Range	10m (32')	
Battery Type	6 x AAA	
Memory	99 internal storage locations	
Warranty	Limited Lifetime*	

* When registered within 60 days of purchase.



Test probes with large screw on alligator clips



Magnetic hanging strap



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
TA50 .....Magnetic Hanging Strap
TA70 .....CAT IV Insulated Alligator Clips
TA80 .....CAT IV Silicone Test Leads

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