



# 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

## 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)



IM75 Features powerful worklights

# 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 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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