



IM75 Features powerful worklights

# 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, Dialectric 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)

## **Specifications**

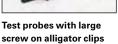
Technical Summary	MAX Range	Basic Accuracy
Insulation Resistance	4M to $20G\Omega$	±1.5%
Insulation Test Voltages	50, 100, 250, 500 and 1000V	±3.0%
DC Voltage	1000.0V	±0.1%
AC Voltage	1000.0V	±1.5%
VFD AC Voltage	1000.0V	±1.5%
Earth Bond Resistance	$40\Omega$ to $40$ K $\Omega$	±1.5%
Capacitance	10 mF	±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×AAA	

<sup>\*</sup> When registered within 60 days of purchase.

99 internal storage locations

Limited Lifetime\*







Magnetic hanging strap













## **Ordering Information**

IM75... Insulation & DMM with VFD and METERLiNK  $^{\text{TM}}$ IM75-NIST.....IM75 with Certificate of Traceability to NIST

#### **Accessories**

Memory

Warranty

TA10Prote	ective case for DM9x and IM7x Series
TA50 Magı	netic Hanging Strap
TA70CAT	IV Insulated Alligator Clips
TA80CAT	IV Silicone Test Leads

