

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.

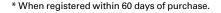
Built to make any job easier

- 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)

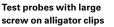


Specifications

Technical Summary	MAX Range	Basic Accuracy
Insulation Resistance	4M to 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 40 K Ω	±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	
Memory	99 internal storage locations	
Warranty	Limited Lifetime*	









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











Corporate Headquarters

27700 SW Parkway Ave.

Wilsonville, OR 97070

PH: +1 866.477.3687

FLIR Systems, Inc.

PORTLAND

BOSTON

FLIR Systems, Inc. 9 Townsend West Nashua, NH 03663

PH: +1 866.477.3687

BELGIUM

FLIR Commercial Systems AB Luxemburgstraat 2 2321 Meer Belgium PH: +32 (0) 3665 5100

www.flir.com NASDAQ: FLIR CHINA

FLIR Systems (Shanghai) Co.,Ltd. K301-302, No.26 Lane 168, Daduhe Road, Putuo District, Shanghai 200062,P.R.China PH: +86-21-5169 7628

Equipment described herein may require US Government authorization for export purposes. Diversion contrary to US law is prohibited. Imagery for dilustration purposes only. Specifications are subject to change without notice. ©2014 FLIR Systems, Inc. All rights reserved. (Created 08/14)

