

# FLIR DM92/ DM93

## True RMS Industrial Multimeters



FLIR's DM92 and DM93 world-class digital multimeters offer advanced variable frequency drive filtering to help you accurately analyze non-traditional sine waves and noisy signals. No matter what electrical challenge you're up against, the DM92 and DM93's powerful lighting and durable design will make the job simple. The DM93 offers additional features including Bluetooth technology to connect a compatible smartphone for remote viewing and sharing, and METERLiNK technology, to wirelessly embed electrical readings into radiometric infrared images on compatible FLIR thermal cameras.

### Accurate readings.

*Clearly analyze non-traditional sine wave and noisy signals*

- Advanced variable frequency drive filtering and dual display shows voltage and frequency at once
- True RMS voltage and current
- LoZ Mode eliminates ghost voltage error readings caused by long wires that share a conduit

### Efficient illumination and design.

*Constructed to make any electrical challenge easier to troubleshoot*

Powerful LED worklights eliminate need for flashlight in dim lighting

- Durable double-molded construction (IP54, 3m Drop Test)
- Large, easy-to-read digits, backlit display and analog bargraph

### Remote viewing and sharing (DM93 only).

*Wireless data transfer*

- Integrated Bluetooth technology connects to the FLIR Tools Mobile app on compatible mobile devices
- METERLiNK technology wirelessly sends readings to compatible FLIR infrared cameras, embedding the data into live and saved thermal images
- Data Record captures electrical measurements and provides wireless data transfer



DM92 and DM93 feature powerful LED worklights

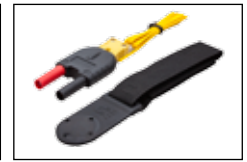
# Specifications

Technical Summary	MAX Range	Basic Accuracy
DC Voltage	1000.0V	±0.05%
AC Voltage	1000.0V	±0.5%
VFD AC Voltage	1000.0V	±0.5%
DC Current	10.000A	±0.2%
AC Current	10.000A	±1.0%
Resistance	40.00MΩ	±0.2%
Continuity Threshold	30Ω	±0.2%
Frequency	100.00kHz	±5 Digits
Capacitance	40.00mF	±0.9%
Temperature	-328 to 2192°F, -200 to 1200°C	±1.0%
Diode Test	2V	±1.5%
General Information		
Display Counts	40,000	
IP Rating, Drop Test	IP 54, 3m (9.8')	
Category Rating	CAT IV-600V, CAT III-1000V	
Battery Type	6 x AAA	
Bluetooth Range Max (DM93 only)	32ft (10m)	
Data Recording (DM93 only)	20,000 Pts (125 days max)	
Memory	99 internal storage locations	
Warranty	Limited Lifetime*	

\* When registered within 60 days of purchase.



Premium silicone test leads included with both meters



Magnetic hanging strap and thermocouple probe and adaptor included with DM93



## Ordering Information

- DM92 ..... True RMS Industrial Multimeter with VFD Mode
- DM92-NIST ..... DM92 with Certificate of Traceability to NIST
- DM93 ..... True RMS Industrial Multimeter with VFD Mode and Bluetooth
- DM93-NIST ..... DM93 with Certificate of Traceability to NIST

## Accessories

- TA10 ..... Protective case for DM9x and IM7x Series
- TA50 ..... Magnetic Hanging Strap
- TA60 ..... Thermocouple adapter and Type K probe
- TA70 ..... CAT IV Insulated Alligator Clips
- TA80 ..... CAT IV Silicone Test Leads

**BOSTON**  
 FLIR Systems, Inc.  
 9 Townsend West  
 Nashua, NH 03663  
 USA  
 PH: +1 866.477.3687

**PORTLAND**  
 Corporate Headquarters  
 FLIR Systems, Inc.  
 27700 SW Parkway Ave.  
 Wilsonville, OR 97070  
 USA  
 PH: +1 866.477.3687

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

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

www.flir.com  
 NASDAQ: FLIR

Equipment described herein may require US Government authorization for export purposes. Diversion contrary to US law is prohibited. Imagery for illustration purposes only. Specifications are subject to change without notice. ©2014 FLIR Systems, Inc. All rights reserved. (Created 09/14)