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

DM92 and DM93 feature powerful LED worklights

Remote viewing and sharing (DM93 only).

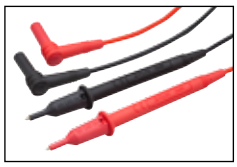
Wireless data transfer

- 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

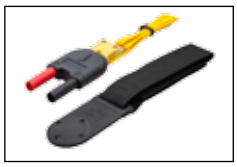
Specifications

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

emitec industrial

Emitec Messtechnik AG
Birkenstrasse 47
6343 Rotkreuz

+41 41 748 60 10
info@emitec.ch
www.emitec-industrial.ch

Emitec Group
#1 in Test & Measurement, worldwide.

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 (Shanghai) 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

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