



## FLIR DM93 true RMS industrial multimeter

The new FLIR DM93 is a world-class digital multimeter with advanced VFD filtering to help you accurately analyze non-traditional sine waves and noisy signals found in VFD-controlled equipment.

- VFD mode filters variable frequency drive signals and provides accurate voltage and frequency measurements during maintenance and troubleshooting
- LoZ mode eliminates ghost voltage readings associated with long-run applications
- Powerful worklights eliminate the need for a flashlight while performing tests in dim lighting
- Data record feature captures electrical measurements and provides wireless data transfer
- Integrated Bluetooth technology\* connects the FLIR DM93 to the FLIR Tools Mobile app on your compatible mobile device.
- METERLiNK® technology wirelessly integrates electrical readings on your infrared image with METERLiNK-enabled FLIR thermal cameras

### Features:

- Voltage and current, bright white LED backlight, analog bargraph, auto AC/DC voltage, min, max, average recording, auto power off, hold, relative, peak hold, store, recall

### Includes:

- 6 AAA batteries, user manual/CD, CAT IV silicone test leads, type K temperature probe (400°F, 204°C), magnetic hanging strap and limited lifetime warranty



TECHNICAL SUMMARY	MAX RANGE	BASIC ACCURACY
DC voltage	1000.0V	±0.05%
AC voltage	1000.0V	±0.5%
VFD 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%

\* See [www.flir.com](http://www.flir.com) for latest compatibility information and more warranty details

GENERAL INFORMATION	
Bluetooth range max	32 ft (10 m)
Display counts	40,000
Category rating	CAT IV-600V, CAT III-1000V
Data recording	20,000 Pts (125 days max)
Warranty	Limited Lifetime*

### Ordering Information

DM93 ..... True RMS industrial multimeter with VFD mode  
 DM93-NIST...DM93 with certificate of traceability to NIST  
 TA80..... CAT IV silicon test leads



**FLIR Commercial Systems**  
 Luxemburgstraat 2  
 2321 Meer  
 Belgium  
 Tel. : +32 (0) 3665 5100  
 Fax : +32 (0) 3303 5624  
 E-mail : [flir@flir.com](mailto:flir@flir.com)

**FLIR Systems AB**  
 Antennvägen 6  
 187 66 Täby  
 Sweden  
 Tel. : +46 (0)8 753 25 00  
 E-mail : [flir@flir.com](mailto:flir@flir.com)

**FLIR Systems UK**  
 2 Kings Hill Avenue - Kings Hill  
 West Malling - Kent  
 ME19 4AQ  
 United Kingdom  
 Tel. : +44 (0)1732 220 011  
 E-mail : [flir@flir.com](mailto:flir@flir.com)

**FLIR Systems GmbH**  
 Berner Strasse 81  
 D-60437 Frankfurt am Main  
 Germany  
 Tel. : +49 (0)69 95 00 900  
 E-mail : [flir@flir.com](mailto:flir@flir.com)

**FLIR Systems France**  
 20, bd de Beaubourg  
 77183 Croissy-Beaubourg  
 France  
 Tel. : +33 (0)1 60 37 55 02  
 E-mail : [flir@flir.com](mailto:flir@flir.com)

**FLIR Systems Italy**  
 Via Luciano Manara, 2  
 I-200812 Limbiate (MB)  
 Italy  
 Tel. : +39 (0)2 99 45 10 01  
 E-mail : [flir@flir.com](mailto:flir@flir.com)

**FLIR Commercial Systems**  
 Avenida de Bruselas, 15- 3°  
 28108 Alcobendas (Madrid)  
 Spain  
 Tel. : +34 91 573 48 27  
 E-mail : [flir@flir.com](mailto:flir@flir.com)

**FLIR Systems, Middle East FZE**  
 Dubai Airport Free Zone  
 P.O. Box 54262  
 Office B-22, Street WB-21  
 Dubai - United Arab Emirates  
 Tel. : +971 4 299 6898  
 E-mail : [flir@flir.com](mailto:flir@flir.com)

**FLIR Systems Russia**  
 6 bld.1, 1st Kozjevicheskoy lane  
 115114 Moscow  
 Russia  
 Tel. : + 7 495 669 70 72  
 E-mail : [flir@flir.com](mailto:flir@flir.com)