

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

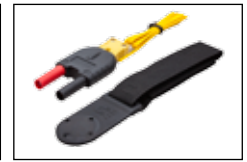
Specifications

| 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

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