



HVAC TRMS DIGITAL MULTIMETER WITH TEMPERATURE

FLIR DM64™

The FLIR DM64 is the only multimeter HVAC technicians need, providing an unmatched feature set and high-quality measurements at an affordable price. This digital multimeter is easy to use and has been built to last, offering long term stability and robust build quality for field use. The DM64 is the right choice for professionals installing, inspecting and maintaining HVAC systems.



EVERYTHING YOU NEED IN ONE TOOL

Rich feature is ideal for HVAC professionals

- Diagnose complex systems with high and low voltage measurement capabilities
- Assess temperatures up to 400°C (752°F) with Type-K thermocouple
- Test flame sensors with microamps feature
- Readily and precisely identify live wires with probe-contact voltage detection



FAST, EFFICIENT INSPECTIONS

Designed to make your job easier

- Work quickly and comfortably thanks to user-friendly design, intuitive interface, and enhanced ergonomics
- Easily identify deviations from normal conditions by comparing new readings to stored data
- Navigate the meter's on-screen menu system easily



TOUGH, STABLE, & HIGH-QUALITY

This all-in-one tool is built to last

- Swap batteries easily from the "no-tool" battery compartment
- Durable and drop-tested, with an IP40 ingress protection rating
- Safety rated to CAT IV-300V, CAT III-600V
- Rely on the protection of FLIR's Limited Lifetime warranty

SPECIFICATIONS

| Measurement | DM64 | |
|----------------------------------|--------------------------------------|----------------------------|
| True RMS | Yes | |
| | Range | Basic Accuracy |
| AC / DC Volts | 600.0 V | ±1% / 0.4% |
| AC / DC mVolt | 600.0 mV | ±1% / 0.4% |
| VFD AC Volts | 600.0 V RMS | ±1% |
| AC / DC LoZ V | 600.0 V | ±2.0% |
| AC / DC Amps | 10.00 A | ±1.5% / 1.0% |
| AC / DC mAmps | 600.00 mA | ±1.0% / 0.7% |
| AC / DC μAmps | 6000 μA | ±1.5% / 1.0% |
| Resistance | 60.00 MΩ | ±0.9% |
| Capacitance | 2000 μF | ±1.5% |
| Diode Test | 3.000 V | ±0.9% |
| Frequency Counter | 5.00 kHz | ±0.1% |
| Temperature, Type-K Thermocouple | -40.0 to 752.0°F -40.0 to 400.0°C | ±1.0% + 2°F ±1.0% + 1°C |

| Additional Measurements | |
|-------------------------------------|----------------------|
| Continuity Check | 30 Ω and 480 Ω |
| Measuring Rate | 5 samples per second |
| Min/Max/Avg | Yes |
| Relative Mode | Yes |
| LoZ Mode | Yes |
| Non-Contact Voltage Detection (NCV) | Yes |
| Data Hold | Yes |

| General Information | |
|---------------------|---------------------------------------|
| Auto Power Off | Yes |
| Battery | 2 AAA batteries |
| Drop Test | 2 meters |
| IP Rating | IP40 |
| Category Rating | CAT IV-300V, CAT III-600V |
| Size (H x W x L) | 161 × 80 × 50 mm (6.3 × 3.2 × 2.0 in) |
| Weight | 334 g (11.8 oz) |
| Warranty | Limited lifetime warranty |

| Box Contents |
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| DM64 multimeter, 2x AAA Alkaline batteries, silicone test leads, Type-K thermocouple, soft carrying case |

| Ordering Information |
|---|
| FLIR DM64 HVAC TRMS Digital Multimeter with Temperature |