



TRUE RMS DIGITAL MULTIMETERS FOR ELECTRICAL AND FIELD SERVICE™ FLIR DM62/DM66™

The DM62 and DM66 digital multimeters combine a rich feature set, precise measurements, and quality construction into tools of exceptional value. The meters are easy to use and built to last, offering long term stability for everyday use. The DM62 offers the accuracy and range of measurement options you need, whether you're a professional or just need the right tool for DIY.

The DM66 has all the great features of the DM62 plus the added benefit of low impedance (LoZ) mode to prevent ghost voltage from delivering false readings. It measures frequency, diode, capacitance, and temperature, for a comprehensive feature set ideal for commercial electricians, automation field service, or electronics repair technicians.

Whichever one you choose, you'll get the job done fast and efficiently.

www.flir.com/professionalDMMs



ALL THE FEATURES YOU NEED IN ONE TOOL

Rich feature set ideal for various electrical applications

- Safely check voltage with non-contact voltage detection
- Measure both AC/DC voltage and current (A, mA, μ A)
- Diagnose faults with broad DMM test functions including variable-frequency drive (VFD) mode and voltage range up to 600 V



FAST, EFFICIENT TESTING AND TROUBLESHOOTING

Intuitive and simple user interface for more effective and efficient troubleshooting and testing of electrical and electronic systems

- Operate the meter with one hand, thanks to compact design and easy-to-access buttons
- Work efficiently using integrated non-contact voltage detector with a flashing backlight and audible indicator
- Navigate the meter's on-screen menu system easily



TOUGH, RELIABLE, HIGH QUALITY

High-quality measurements, long-term stability, and reliability ensure years of safe, accurate and trouble-free operation

- Take the meter with you anywhere - 2 m drop-tested and IP40 rated
- Work with peace of mind knowing your meter has CAT IV-300V, CAT III-600V Safety Category Rating
- Make your job easier with helpful features including auto power off, MIN-MAX-AVG, relative mode, and data hold

SPECIFICATIONS

| Measurements by Meter | DM62 | DM66 |
|-------------------------------------|------|--|
| Capacitance | — | 200.0 nF (±1.5%) 10.00 mF (±4.5%) |
| AC / DC LoZ Volts | — | 600.0 V (±2.0%) |
| Frequency Counter | — | 50.00 kHz (±0.1%) |
| Temperature, Type-K Thermocouple | — | -40°F to 752.0°F (±1.0% + 2.0°F) -40°C to 400.0°C (±1.0% + 1.0°C) |

| Measurements-Both Models | | |
|--------------------------|------------------|----------------|
| True RMS | Yes | |
| | Range | Basic Accuracy |
| AC / DC Volts | 600.0 V | ±1.0% / 0.4% |
| AC / DC mVolt | 600.0 mV | ±1.0% / 0.4% |
| VFD AC Volts | 600.0 V | ±1.0% |
| AC / DC Amps | 10.00 A | ±1.5% / 1.0% |
| AC / DC mAmps | 600.0 mA | ±1.0% / 0.7% |
| AC / DC μ Amps | 6,000 μ A | ±1.5% / 1.0% |
| Resistance | 6,000 M Ω | ±0.9% |
| Diode Test | 3,000 V | ±0.9% |

| Additional Measurements | DM62 | DM66 |
|-------------------------|------------------------------|------------------------------|
| Continuity Check | 30 Ω and 480 Ω | 30 Ω and 480 Ω |
| Measuring Rate | 5 samples per second | 5 samples per second |

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

| Box Contents | | |
|--------------|--|---|
| | FLIR digital multimeter with integral probe holder, 2 AAA batteries, silicone test leads, soft carrying case | FLIR digital multimeter with integral probe holder, 2 AAA batteries, silicone test leads, alligator clips, soft carrying case |

| Ordering Information | Order # |
|--|--------------|
| FLIR DM66 Electrical and Field Service TRMS Multimeter with VFD mode | 793950381663 |
| FLIR DM62 TRMS Digital Multimeter with Non-Contact Voltage | 793950381625 |

For a complete list of available accessories, go to: flir.com/store/instruments/testaccessories

Specifications are subject to change without notice. For the most up-to-date specs, go to www.flir.com

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NASDAQ: FLIR

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