FLIR DM62/DM66™

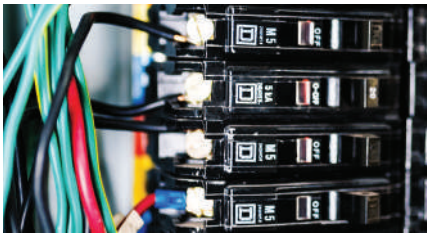
True RMS Digital Multimeters for Electrical and Field Service

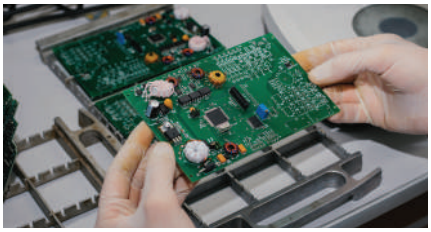
The DM62 and DM66 digital multimeters combine a rich feature set, precise measurements, and quality construction into tools of exceptional value. The meters are easy to use and built to last, offering long term stability for everyday use. The DM62 offers the accuracy and range of measurement options 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.









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, µA)
- 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

For more information visit:
www.flir.com/professionalDMMs

www.teledyneflir.com

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FLIR DM62/DM66

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°F (±1.0% + 2°F) -40°C to 400°C (±1.0% + 1°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 µAmps	6,000 µA	±1.5% / 1.0%
Resistance	6.000 MΩ	±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 mm × 80 mm × 50 mm (6.3 in × 3.2 in × 2.0 in)	161 mm × 80 mm × 50 mm (6.3 in × 3.2 in × 2.0 in)
Weight	334 g (11.8 oz)	334 g (11.8 oz)
Warranty	Limited 3-year warranty	Limited 3-year 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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For more information visit:
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