

DIGITAL MULTIMETER SELECTION GUIDE





Meter	FLIR DM62	FLIR DM64	FLIR DM66	FLIR DM166	FLIR DM90	FLIR DM91	FLIR DM284 KIT	FLIR DM285 KIT	FLIR DM92	FLIR DM93	FLIR IM75
Product Description	TRMS Digital Multimeter with Non-Contact Voltage	HVAC TRMS Digital Multimeter with Temperature	Electrical and Field Service TRMS Multimeter with VFD mode	Thermal Imaging TRMS Multimeter with IGM™	Industrial TRMS Multimeter with Temperature	Industrial TRMS Multimeter with Datalogging and Wireless Connectivity	Industrial Thermal Imaging Multimeter with IGM™	Industrial Thermal Imaging Multimeter with Datalogging, Wireless Connectivity and IGM™	High Accuracy Industrial Multimeter	High Accuracy Industrial Multimeter with Datalogging and Wireless Connectivity	Insulation Multimeter with Wireless Connectivity
Market	General Purpose	Professional				Industrial					Insulation
IGM Resolution	—	—	—	80 x 60	—	—	160 x 120	160 x 120	—	—	—
IGM Temperature Range	—	—	—	-10°C to 150°C (14°F to 302°F)	—	—	-10°C to 150°C (14°F to 302°F)	-10°C to 150°C (14°F to 302°F)	—	—	—
Display Counts/Type	6000/Backlit LCD	6000/Backlit LCD	6000/Backlit LCD	6000/2.4" TFT	6000/Backlit LCD	6000/Backlit LCD	6000/2.8" TFT	6000/2.8" TFT	40000/Backlit LCD	40000/Backlit LCD	40000/Backlit LCD
Bar Graph	—	—	—	•	•	•	•	•	•	•	•
Basic Accuracy	0.5%	0.5%	0.5%	0.5%	0.09%	0.09%	0.09%	0.09%	0.05%	0.05%	0.10%
True RMS AC/DC Voltage	600 V	600 V	600 V	600 V	1,000 V	1,000 V	1,000 V	1,000 V	1,000 V	1,000 V	1,000 V
True RMS AC/DC Current	10 A	10 A	10 A	10 A	10 A	10 A	10 A	10 A	10 A	10 A	—
AC/DC µA Current	•	•	•	•	•	•	•	•	—	—	—
Resistance	60 MΩ	60 MΩ	60 MΩ	60 MΩ	50 MΩ	50 MΩ	50 MΩ	50 MΩ	40 MΩ	40 MΩ	—
Capacitance	—	10,000 µF	10,000 µF	10,000 µF	10 mF	10 mF	10 mF	10 mF	40 mF	40 mF	10 mF
Frequency	—	50 kHz	50 kHz	50 kHz	100 kHz	100 kHz	100 kHz	100 kHz	100 kHz	100 kHz	40 kHz
Temperature	—	-40°C to 400°C (-40°F to 752°F)	-40°C to 400°C (-40°F to 752°F)	-40°C to 400°C (-40°F to 752°F)	-40°C to 400°C (-40°F to 752°F)	-40°C to 400°C (-40°F to 752°F)	-40°C to 400°C (-40°F to 752°F)	-40°C to 400°C (-40°F to 752°F)	-200°C to 1200°C (-328°F to 2192°F)	-200°C to 1200°C (-328°F to 2192°F)	—
Data Hold	•	•	•	•	•	•	•	•	•	•	•
Relative	•	•	•	•	•	•	•	•	•	•	—
Min/Max/Average	•	•	•	•	•	•	•	•	•	•	—
LoZ Mode	—	•	•	—	•	•	•	•	•	•	—
Peak	—	—	—	—	•	•	•	•	•	•	—
Low Pass Filter/VFD	•	•	•	•	•	•	•	•	•	•	•
Water Proof/Drop Proof	IP40	IP40	IP40	IP40/3 m	IP54/3 m	IP40/3 m	IP54/3 m	IP40/3 m	IP54/2 m	IP54/2 m	IP54/2 m
Non Contact Volt Detect (NCV)	•	•	•	•	•	•	•	•	—	—	—
Worklights	—	—	—	—	•	•	•	•	•	•	•
Data Storage	—	—	—	—	—	40000 readings	—	10 Files (40000 readings each) and 100 images	Store/Recall 99 readings	Store/Recall 99 readings	Store/Recall 99 readings
Bluetooth®/METERLiNK®	—	—	—	—	—	•	—	•	—	•	•
Safety Category	CAT III-600V CAT IV-300V	CAT III-600V CAT IV-300V	CAT III-600V CAT IV-300V	CAT III-600V CAT IV-300V	CAT III-1000V CAT IV-600V	CAT III-1000V CAT IV-600V	CAT III-1000V CAT IV-600V	CAT III-1000V CAT IV-600V	CAT III-1000V CAT IV-600V	CAT III-1000V CAT IV-600V	CAT III-1000V CAT IV-600V
MSRP (Excl GST)	\$259.00	\$295.00	\$295.00	\$878.00	\$464.00	\$512.00	\$1114.00	\$1319.00	\$542.00	\$628.00	\$599.99

Prices are GST Exclusive

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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