

**Durability**

FLIR Test Meters feature a durable, rugged double molded design for everyday heavy duty use on the jobsite.

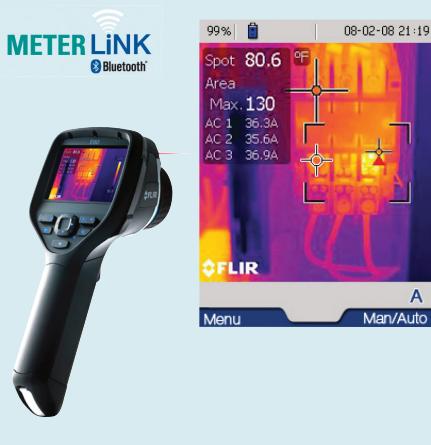
**Bluetooth®**

All FLIR Test Meters featured on this page have Bluetooth® technology and can display measurements directly on your mobile phone or tablet using FLIR Tools Mobile App.

**METERLINK**

Plus, when paired with a compatible FLIR Thermal Imager, these products can communicate electrical and environmental measurements directly on your thermal camera. The data is saved as part of a thermal image that can be directly integrated into your thermal imaging report. METERLINK™ is a patented technology only available with compatible FLIR cameras.

METERLINK™ transfers the multi-channel data from the FLIR Meter to a high definition FLIR Thermal Imager. The data is prominently displayed on the IR image for easy documentation.



## FLIR VP50 CAT IV Vibrating Non-Contact Voltage Detector + Flashlight



Non-Contact Voltage Detector with vibration feedback combined with a flashlight and convenient worklight.

- Vibrating Tactile Alarms
- High/Low Range Setting
- Visual LED Alarm Indication
- Built-In Flashlight
- Worklight for Probing
- ON/OFF Button with Auto Power Off

Mfr.'s Type	VP50
Voltage Range	24 to 1000 V 115 to 1000 V
Safety Category	CAT III 1000 V CAT IV 600 V
Frequency Range	45-65 Hz
Stock No.	70281103
EACH	34.99

## FLIR CM83 600 A True RMS AC/DC Power Clamp Meter

Industrial grade power clamp meter with premier power and troubleshooting functions is designed for the most demanding professional in the most destructive environments.

- VFD Mode Provides Superior Accuracy for Maintaining and Troubleshooting Variable Frequency Drives
- Integrated Inrush Current and Phase Rotation Simplify Motor Analysis
- Worklight's Dual LEDs Optimized for Clamping on Cables in Dimly Lit Areas — No More Holding a Flashlight with the Other Hand
- FLIR Tools APP Connects CM83 to Your Compatible Mobile Device
- METERLINK™ Technology Included



Mfr.'s Type	FLIR CM83	
AC/DC Current	600 A	
AC/DC Voltage	1000 V	
Power Range	10-600 kW	
Harmonics Range	1-25 <sup>th</sup> Order	
Safety Category	CAT III 1000 V, CAT IV 600 V	
Battery Type	6 x AAA	
Stock No.	Mfr.'s Type	EACH
70281100 70345821	FLIR CM83 FLIR CM83-NIST	399.99 524.99

## FLIR MR77 Moisture Meter

The FLIR MR77 Moisture Meter performs all the critical and advanced measurements for moisture professionals. Our relative pinless moisture content measurement looks below the surface and makes non-destructive moisture measurements before and during the drying process.

- Field Replaceable Temperature and Relative Humidity Sensor to Ensure Accuracy Everyday on the Job
- Integrated Pinless Moisture Sensor and IR Thermometer
- Bluetooth Enabled Mobile FLIR Tools Applications
- Connect the FLIR MR77 to METERLINK™ Enabled FLIR Thermal Imaging Cameras for Integrated Moisture Readings on Thermal Images

**Functions:**

- Pinless Moisture, Temperature, Relative Humidity, IR Spot Temperature, Wood Types, Building Material Types, Grains per Pound, Dew Point, Vapor Pressure, and Condensation Point
- Features:
- High/Low Humidity and Moisture Alarms, Store, Recall, MIN/MAX, Data Hold, Auto Power Off, Low Battery Indication
- Comes Complete with Wired Pin Probe, Batteries, and User Manual

Mfr.'s Type	MR77
Pinless Moisture Range	0 to 99.9 (Relative)
Pinless Moisture Depth	Up to 0.75' (19 mm)
Pin Moisture Range	0 to 99%
Relative Humidity Range	0 to 100%
Ambient Temperature Range	-28 to 77°C
IR Temperature Range	-20 to 200°C
IR Distance-to-Spot Ratio	8:1
IR Emissivity	0.95 (Fixed)
Vapor Pressure Range	0 to 20.0 kPa

Stock No.	Mfr.'s Type	Description	EACH
70281108	MR77	Moisture Meter with METERLINK™ and Bluetooth® for Android™	799.00
70345824	MR77-NIST	MR77 with Certificate of Traceability to NIST	1099.00
70281109	MR01	Replaceable Temp/RH Sensor	74.99

## FLIR CM78 1000 A True RMS Clamp Meter + IR Thermometer

Commercial grade 1000 A clamp meter for the electrician who runs into large amperage situations and checks temperature.

- Integrated Spot Laser Thermometer Provides Fast Non-Contact Measurements on Vents, Equipment and Motors
- Worklight's Dual LEDs Optimized for Clamping on Cables in Dimly Lit Areas — No More Holding a Flashlight with the Other Hand
- FLIR Tools APP Connects CM78 to Your Compatible Mobile Device
- METERLINK™ Technology Included



Mfr.'s Type	FLIR CM78
AC/DC Current	1000 A
AC/DC Voltage	1000 V
Resistance	40 MΩ
Capacitance	4 mF
Frequency	4 kHz
Temperature (Infrared)	-20 to 518°F -29 to 270°C
Temperature (Type K)	-4 to 1400°F -20 to 760°C
Safety Category	CAT IV 600 V
Stock No.	Mfr.'s Type
70281101 70345823	FLIR CM78 FLIR CM78-NIST
	449.99 599.99

## FLIR DM93 Multimeter with VFD Mode

Industrial grade digital multimeter with the features for the most demanding measurements on complex machinery and with built-in durability that will ensure longevity in a rugged environment.

- VFD Mode Filters Noisy Variable Frequency Drives and Provides Accurate Measurements During Maintenance and Troubleshooting
- LoZ Eliminates Ghost Voltage Error on Long Wires Sharing Conduit
- Worklights Provides the Convenience of Focusing on the Test Leads, and Not Holding a Flashlight in Your Other Hand
- Datalogging for Long Term Electrical Measurements
- FLIR Tools APP Connects DM93 to Your Compatible Mobile Device
- METERLINK™ Technology Included



Mfr.'s Type	FLIR DM93
Display	40,000
Basic DCV Accuracy	0.06%
AC/DC Voltage	1000 V
AC/DC Current	10 A
Resistance	40 MΩ
Frequency	4 MHz
Capacitance	40 mF
Temperature	-50 to 1382°F -45 to 750°C
dBm	Yes
Stock No.	Mfr.'s Type
70281102 70345822	FLIR DM93 FLIR DM93-NIST
	399.99 524.99