FLIR DM83 DIGITAL MULTIMETER
Take the guesswork out of your electrical troubleshooting.

The new FLIR DM83 is a rugged DMM designed with advanced VFD filtering and shielding that help you accurately analyze the non-traditional sine waves and noisy signals found in VFD-controlled equipment. And with LoZ Mode to eliminate ghost readings, continuous data recording to detect intermittent glitches, Bluetooth link to Android devices, and bright LED worklight, the FLIR DM83 prepares you to tackle the tough jobs.

FLIR CM83 POWER CLAMP METER
Streamline your industrial power diagnostics projects.

The new FLIR CM83 is an industrial power clamp meter that can help you accurately analyze three-phase systems and VFD-controlled equipment. And with Harmonics Mode to find noise from different electrical lines, Phase Rotation to confirm power is balanced, Inrush Current to detect current spikes, Bluetooth connectivity to Android devices, and compatibility with METERLiNK-enabled FLIR IR cameras, the FLIR CM83 equips you to diagnose and repair your complex systems.

FLIR CM78 CLAMP METER + IR THERMOMETER
Prepare yourself to troubleshoot complex systems.

The new FLIR CM78 combines a True RMS digital multimeter and clamp meter to let you take accurate AC/DC readings up to 1000A or 1000V safely and quickly. In addition, the built-in IR thermometer with laser spot allows fast scanning for hot spots, and the Type K thermocouple verifies that associated current/temperature specs are correct. The FLIR CM78 also integrates a dual LED worklight, Bluetooth connectivity to Android devices, and METERLiNK for connecting to FLIR IR cameras.

FLIR MR77 MOISTURE METER
Enhance your moisture detection capabilities.

The new FLIR MR77 is a rugged, feature-packed moisture meter designed to help you tackle your toughest restoration projects. Incorporating both a pinless sensor and a wired pin probe to capture moisture readings up to 0.75” below the surface of wood and other building materials, the FLIR MR77 also features an IR thermometer with laser probe, field-replaceable temperature/humidity sensor, Bluetooth connectivity to Android devices, and compatibility with METERLiNK-enabled FLIR IR cameras.

FLIR VS70 VIDEOSCOPE
Gain access to extremely tight environments.

The new FLIR VS70 is a rugged, waterproof videoscope with intuitive, handset controls that enable users to maneuver the narrow camera probe into tight areas, delivering clear videos and images to a large 5.7” color LCD display. The FLIR VS70 features wide-angle 180-degree and standard 90-degree cameras, SD card storage of videos, image and audio files, a six-to-eight hour battery life, USB port for convenient battery charging, and the handset provides easy voice annotations to enhance reporting.

FLIR VP50 NCV DETECTOR PLUS WORKLIGHT
Always be ready for quick voltage checks and area lighting.

The FLIR VP50 is a rugged and waterproof CAT IV-rated Non-Contact Voltage Detector. Some of the safety features of this pinless-size detector are its powerful LED worklight – great to have if the power is out or when work areas are blocked – and dual-LED convenience light at the probe tip for illuminating poorly inspected areas. Also, the vibration feedback and red LED alarms are useful for checking the presence of voltage in noisy areas. Finally, the high-low sensitivity modes can detect voltage on industrial systems, low-voltage equipment, and obstructed installations.

FLIR WARRANTY COVERAGE
FLIR DM83, CM78, CM80, MR77 and VP50 are covered by a Limited Lifetime Warranty, and the FLIR VS70 and its accessories come with a Two-Year Limited Warranty. Electrical meter accessories are covered under a Two-Year Limited Warranty, and the MR01 replaceable temperature/humidity sensor for the MR77 is covered by a One-Year Limited Warranty.
FLIR E4, E5, E6 AND E8 IR CAMERAS
POINT & SHOOT IR CAMERAS

Introducing the New E-Series

Now every technician and troubleshooter can have an E-Series thermal camera for quick "hot spot" scans and predictive maintenance checks. FLIR’s new affordable E-Series gives you everything you need to perform a variety of IR inspections. Clearly detect and pinpoint electrical and mechanical overheating, sources of energy waste, hidden moisture issues, and much more.

FLIR E40, E50 and E60 IR PERFORMANCE IR CAMERAS

Top Notch Performance Keeps Getting Better

If you’re a busy electrician, plant maintenance technician, building inspector, energy auditor, or HVAC professional, you need to work efficiently and be able to share images and detailed reports of your findings quickly. FLIR’s latest E40, E50 and E60 thermal cameras with MSX can help you do just that, by providing a new array of imaging, communication, and productivity tools that make your job a whole lot easier.

WHAT’S NEW

E40, E50, and E60 Camera Features:

• MSX – Recognize problem locations instantly when you see thermal images enhanced with visible camera details such as numbers, signage, labels, and other identifiable features.
• IR Fusion: FLIR’s Fusion Application – Choose from the E40’s 160 x 120 pixel resolution all the way up to the impressive 320 x 240 thermal imagery of the E8.
• Full Radiometric Images – Store hundreds of thermal, MSX and visible image JPEGs with all temperature data intact and ready to download to your Mac or PC.
• MSX – Every model allows you to view and save clear images in stunning MSX mode.
• PinPoint® picture-in-picture thermalassa and digital photos for clearer documentation.
• Multiple Measurements – Add up to 3 box areas and 3 moveable spots with the touchscreen capture detailed temperature information.
• Perpetual Battery Operation – 3-day charger and spare battery option means plenty of power to keep you running all day.
• METER LiNK® – Connect FLIR’s new electrical & moisture meters to E40, E50, and E60 cameras via Bluetooth to annotate images.
• Reliable Measurements – Accuracy calibrated within ±2% or ±2°C.

FLIR T420 & T440 HIGH-PERFORMANCE IR CAMERAS

Combining Superior Ergonomics and Performance

The FLIR T420 and T440 thermal cameras bundle 320 x 240 thermal power and MSX technology into an ergonomically and affordable package. Scan targets from difficult angles with our unique rotating optical block that lets you point the lens up or down while keeping the display at eye level.

WHAT’S NEW

T420 & T440 Camera Features:

• Superior IR Imaging: Sharp thermal resolution at 76,800 pixels for accuracy from a distance of 10 meters.
• MSX Enhancement – Adds visible spectrum definition to IR images to clarify problems.
• Stable P-J – Overlays thermal image areas onto visible light pictures.
• Thermal Fusion feature “十八届.Colour” illustrates hotspots in a visible spectrum scene.
• Delta-T Measurement Tools – Analyze 10 measurement spots, 5 box areas, and more.
• GPS – In GPS-enabled location data is included in images for location reports.

FLIR’s new affordable E-Series gives you everything you need to perform a variety of IR inspections. Clearly detect and pinpoint electrical and mechanical overheating, sources of energy waste, hidden moisture issues, and much more.

NEW FLIR T600 and T620 & T640 HIGH-PERFORMANCE IR CAMERAS

When Only Top-Notch IR Imaging Will Do

With the highest infrared resolution available in portable thermal imaging, feature-rich and user-friendly FLIR T600, T620 and T640 cameras with MSX provide the ultimate in IR image clarity and accuracy, making it easier to get your hero shot while dealing with challenging reflections and scheduling.

WHAT’S NEW

T600, T620 and T640 Camera Features:

• High IR Resolution: FLIR T600 captures images containing 172,800 (480 x 360) pixels.
• High IR Resolution: In Class: FLIR T620 & T640 capture 307,200 (640 x 480) pixels.
• Optics – A range of lens options, including our new, lightweight 7° telephoto lens.
• MSX Enhancement – Adds visible spectrum definition to IR images to clarify problems.
• Stable P-J – Overlays thermal image areas onto visible light pictures.
• Thermal Fusion feature “十八届.Colour” illustrates hotspots in a visible spectrum scene.
• Delta-T Measurement Tools – Analyze 10 measurement spots, 5 box areas, and more.
• GPS – In GPS-enabled location data is included in images for location reports.

FEATURES

FLIR T600 and T620 & T640 Camera Features:

• Superior IR Imaging: Sharp thermal resolution at 76,800 pixels for accuracy from a distance of 10 meters.
• MSX Enhancement – Adds visible spectrum definition to IR images.
• Stable P-J – Overlays thermal image areas onto visible light pictures.
• Delta-T Measurement Tools – Analyze 5 measurement spots, 5 box areas, and more.
• Annotation – Add video or text to images or use the touchscreen to zoom and trace (T640).
• METER LiNK – Connect to new FLIR T&M electrical and moisture meters to transmit essential diagnostic information.
• METER LiNK Puts it All Together
• With high infrared resolution available...

FEATURING

METER LiNK Puts it All Together

FLIR’s new affordable E-Series gives you everything you need to perform a variety of IR inspections. Clearly detect and pinpoint electrical and mechanical overheating, sources of energy waste, hidden moisture issues, and much more.

5-10-2 PROTECTION FLIR IR CAMERA WARRANTY

FLIR’s comprehensive 5-10-2 warranty provides a 5-year warranty on the IR detector; 5-year protection on field-replaceable batteries; and 2 year coverage on parts and labor.