

NEW PRODUCTS

FLUKE®

Fluke Ti480 and TiX580—Bring your best to work.

With 640 x 480 resolution, the Ti480 and TiX580 infrared cameras allow users to perform thermal imaging inspections with more confidence and faster results than ever before—all with the ruggedness and ease-of-use expected from Fluke. Coming in point-and-shoot (Ti480) and rotating lens (TiX580) variations, these thermal imagers are truly built for purpose.

- Further enhance 640 x 480 images to 1280 x 960 with in-software SuperResolution
- Get an in-focus image with the touch of a button:
 - LaserSharp® Auto Focus uses a built-in laser distance meter to snap your image into focus by calculating the distance to your designated target with pinpoint accuracy
 - MultiSharp™ Focus delivers automatically focused images throughout your field of view, dramatically eliminating potential for misdiagnosis
- Blend infrared and visible light images easily with IR Fusion® Technology to quickly identify issues
- Compatible with powerful Fluke Connect® and SmartView® software, allowing users to edit images, generate reports and wirelessly share inspection findings while in the field
- Premium in-field viewing experience with the 5.7-inch responsive LCD touchscreen*
- Easily navigate over, under and around objects with the 240° rotating lens and see the image before you capture it*

*TiX580 only

www.fluke.com/640x480



Fluke Ti450 SF6—Infrared for every day. SF6 gas detection when you need it.

Increase efficiency and save money with a top performing infrared camera that delivers pinpoint, state-of-the-art SF6 detection—conduct two critical functions with a single tool. Best of all, it's affordable enough to own, so you can conduct infrared and gas inspections whenever and wherever you want without having to pay heavy rental charges or hire expensive contractors.

Using the technology from Fluke's top performing pistol grip camera, the Fluke Ti450 SF6 easily switches from infrared to gas mode. This makes it easy to change modes on the fly when you are in the field.

The Ti450 SF6 Gas Leak Detector tips the scales on performance and affordability. With its pistol grip comfort and point-and-shoot convenience, even the tough spots become easy to diagnose. With the added feature of SF6 pinpoint detection, you can get the analysis you need anytime, anywhere.

www.fluke.com/SF6gas



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FLUKE®

NEW PRODUCTS

Fluke 1742, 1746 and 1748 Three-Phase Power Quality Loggers

Troubleshoot, quantify energy usage and perform quality of service surveys easier than ever

Designed specifically for technicians and engineers who need the flexibility to troubleshoot, quantify energy usage and analyze power distribution systems the new Fluke 1740 Series Power Quality Loggers give you fast, easy access to the data you need.

Product highlights

- **Measure all power quality and power parameters:** 1748 logs over 500 different parameters for each averaging period.
- **One-click reporting:** Create detailed reports according to the most common power quality standards in seconds. 1 to 1000 V ac or dc (T6-1000); 600 V ac or dc (T6-600)
- **Easy to use:** Auto-configuration check ensures every measurement campaign is right, the first time. Power the instrument from the measured line to simplify the connection process.
- **Comprehensive logging:** More than 20 separate logging sessions can be stored in the instrument. A comprehensive range of power and power quality variables are automatically logged so you never lose measurement trends.
- **Measure with premium accuracy:** Meets the rigorous IEC 61000-4-30 Class A Edition 3 standard for "Testing and measurement techniques—Power quality measurement methods."

www.fluke.com/1748



NEW PRODUCTS 2017–2018 Test Tools Catalog Insert



Fluke. Keeping your world up and running.®





Fluke 729 Automatic Pressure Calibrator

Portable automatic pressure calibrator simplifies pressure calibration

Designed to simplify the pressure calibration process and provide faster, more accurate test results. Technicians know that calibrating pressure can be a time-consuming task, but the 729 makes it easier than ever with an internal electric pump that provides automatic pressure generation and regulation in an easy-to-use, rugged, portable package.

Product highlights

- Key pressure functions: Pressure sourcing/control and measurement
- Key electrical functions: mA source, simulate and measure. Measure mA with 24 V loop power. Measure Vdc and measure temperature (with optional RTD probe).
- Fluke Connect compatibility: With Fluke Connect® mobile app and desktop software compatibility, technicians can wirelessly monitor and log measured and sourced pressure values.
- Automatic pressure generation and regulation to 300 psi
- Easily document the process using onboard test templates
- Automatic internal fine-pressure adjustment
- Measure, source and simulate 4 to 20 mA signals
- 24 V loop power for powering transmitters for tests
- HART communication for testing HART smart transmitters

www.fluke.com/729



Fluke 3550 FC Remote Thermal Imaging Sensor

Electrical—Temperature—Power—and now THERMAL IMAGING

Get a more complete view of your hard to reach equipment with Fluke Connect Thermal Imaging Sensor powered by Fluke Connect. Set up thermal sensors to capture images and conveniently view them from your remote location of choice.

<https://connect.fluke.com/en/condition-monitoring>

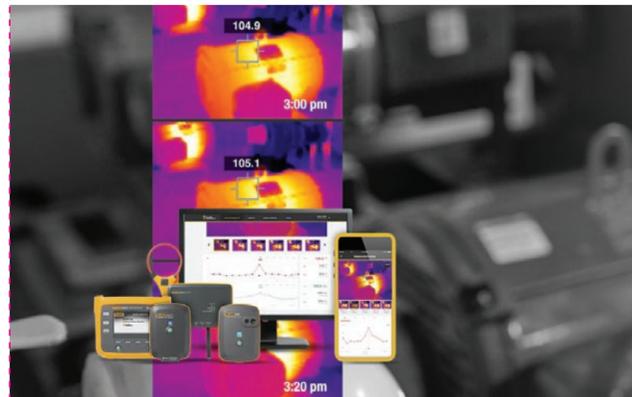


Fluke 64 MAX Infrared Thermometer

The Fluke 64 MAX thermometer has the precision you need to do your job accurately and will not break your budget. Designed and tested to survive a 3-meter drop, you can count on this lightweight, compact infrared thermometer to work when you need it to—even in the harshest environments and when you're not able to be there.

- Precise laser technology for accurate (up to $\pm 1^\circ\text{C}$ or $\pm 1\%$ of reading whichever is greater) and repeatable measurements
- 30 hours of battery life to capture measurements over a long period of time
- Capture measurements unattended by setting time and desired interval between readings
- 99 data point logging
- IP54 rated for extra protection against airborne contaminants in harsh, dirty environment
- Flashlight and large, easy-to-read backlit LCD display for easy viewing even in dark settings

www.fluke.com/64-MAX



Fluke T6 Electrical Testers with FieldSense technology

Measure voltage... without test leads

Measure voltage up to 1000 V ac through the open fork, without test lead contact to live voltage.* Without opening covers or removing wire nuts. On wires up to AWG 4/0 (120 mm²), carrying as much as 200 A. It will change your job. Safer. Faster. Easier.

Product highlights

- FieldSense technology for ac voltage, current and frequency measurement without making electrical contact to live voltage*
- Simultaneous voltage and current display (T6-1000)—shows all power supply measurements at a glance for efficient trouble shooting for motors and other appliances
- 1 to 1000 V ac or dc (T6-1000); 600 V ac or dc (T6-600)
- 0.1 to 200 A ac
- Resistance 1 Ω to 100 k Ω (T6-1000), 1 Ω to 2000 Ω (T6-600)
- Frequency measurement 45 Hz to 66 Hz (T6-1000)
- 17.8 mm jaw opening works with most wire up to AWG 4/0 (120 mm²)
- HOLD button temporarily freezes the reading for easy viewing
- Easy to read display with backlight
- Accepts optional Fluke TPAK Magnetic Meter Hanger for convenient operation
- Standard two-year warranty

*Voltage measurement requires capacitive path to ground, provided through user in most applications. Ground connection via test lead may be required in some situations.

www.fluke.com/t6

