

FLUKE® FlexCam-Series Advanced Thermal Imagers

Innovative 180° articulating lens makes it possible to view and capture images in areas with poor accessibility

- Identify even small temperature differences that could indicate a problem
- Internal data logger lets you transfer data between the imager and your computer
- IR-Fusion® technology provides enhanced analysis capabilities through the blending of visual and thermal images

The FlexCam-Series is available with different detector sizes, temperature ranges and thermal sensitivities to meet every requirement. All Fluke® thermal imagers are fully radiometric.

Radiometric measurement is the “data behind the picture”. Measurement data from thousands of individually calibrated sensor points are captured and stored in a thermal image matrix. This makes it possible to perform detailed analysis and change key parameters like emissivity or temperature level on the camera using the SmartView® software (supplied with each unit). Software includes a complete range of infrared image viewing, analysis, annotation and reporting tools. It even allows for customized reports to accommodate specific company work processes or requirements like multiple image reporting and comparisons.

Highly advanced FlexCam delivers large, sharp thermal images. With a large 5-inch display in combination with low-noise VOx sensors, the Fluke IR FlexCam produces exceptionally high-quality images. Even the smallest temperature differences are visible—normally only obtained on far more expensive instruments.

Innovative 180° articulating lens make it possible to view and capture images in areas with poor accessibility. The display remains clearly visible while viewing over high objects, under a machine or around immovable obstructions. The SmartFocus wheel simplifies getting a stable and sharp image—no need to take your hand off the instrument to focus. You'll get a sharp image in every situation.

AutoCapture allows the FlexCam to make anomalies visible (available on the Ti55 only). The instrument is easily set up to automatically capture only those images where a temperature limit is exceeded. This way, difficult to find intermittent problems can be captured and analyzed more quickly by concentrating only on the images containing the problem.

What's included: heavy-duty carrying case, neck strap, two rechargeable battery packs, battery charger, AC adapter, video cable, 512 MB SD card, SD card reader, USB cable, SmartView reporting and analysis software, user manual on CD and calibration certificate.



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FlexCam showing innovative 180° articulating lens.

Ti50 thermal imager features

- Two temperature ranges
 - Range 1: -4 to 212°F (-20 to 100°C)
 - Range 2: -4 to 662°F (-20 to 350°C)
- Resolution: 320 x 240 (76,800 pixels)
- Field of view (FOV): 23° x 17°
- Thermal sensitivity: <0.07°C
- Rotating lens detents up to 180°
- 5" Color touch screen with selectable on-screen viewing modes
- 1.3 megapixel digital visible light camera with lamp
- Adjustable emissivity
- Fusion and Picture-in-picture
- Push button focus
- 2x continuous zoom with auto/manual focus
- Laser pointer
- Replaceable Li-ion rechargeable battery
- IP54 dust/splash-proof housing
- Optional telephoto and wide-angle lenses

Ti55 thermal imager adds

- Three temperature ranges
 - Range 1: -4 to 212°F (-20 to 100°C)
 - Range 2: -4 to 662°F (-20 to 350°C)
 - Range 3: 482 to 1112°F (250 to 600°C)
- Thermal sensitivity: <0.05°C
- 8x continuous zoom with auto/manual focus
- AutoCapture
- Text annotations
- Thermal and visible alarm function
- Built-in analysis functions
- Additional measurement modes

Exceptional Service



*4 out of 5 customers
would recommend us
to their colleagues!*

Cole-Parmer
Delivering Solutions You Trust