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Fluke Ti32 Industrial-Commercial Thermal Imager

# Fluke Ti30 Thermal Imager

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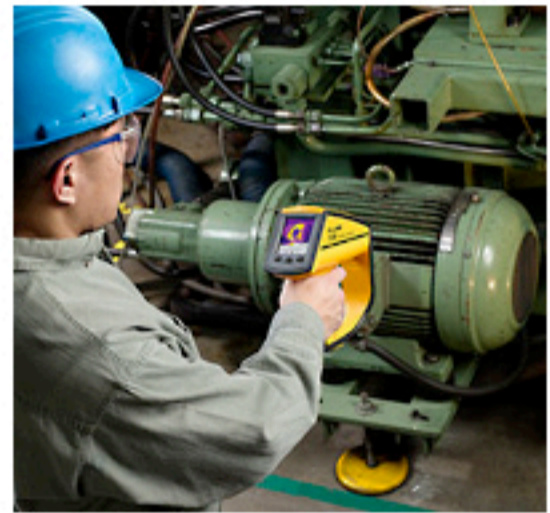
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Overview

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Features

**Specifications**

Models and Accessories

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## Specifications

<b>Thermal Specs</b>	<b>Temperature Range:</b> <b>Detector type:</b>  <b>Accuracy:</b> <b>Accuracy (from -10 to 0 C):</b> <b>Repeatability:</b> <b>NETD:</b> <b>Temperature Indication Resolution:</b>	-10° to 250°C (14° to 482°F) 120 x160 thermal element focal plane array (FPA) uncooled microbolometer ±2% or ±2°C +/- 3°C ±1% or ±1°C (±2°F) whichever is greater 200 mK 0.1 (°F or °C)
<b>Optical/IR</b>	<b>Spectral Range:</b> <b>Target Sighting:</b>  <b>Optical Resolution:</b> <b>Slit Response Optical Resolution:</b> <b>Minimum Diameter Measurement Spot:</b> <b>Image Frame Rate:</b> <b>Field of view (FOV):</b> <b>Instantaneous Field of view (IFOV):</b>	7-14 microns Single Laser Dot (Meets IEC Class 2 & FDA Class II requirements) 90:1 225:1 7mm (0.27") at 61 cm (24") 9 Hz (20 Hz for USA and Canada) 17° Horizontal x 12.8° Vertical 1.9mrad

<b>Controls</b>	<b>Focus:</b> Focusable, 61 cm (24") to infinity <b>Temperature Scale:</b> °C or °F selectable <b>Palettes:</b> Gray, Ironbow or Rainbow selectable <b>Measurement Modes:</b> Automatic, Semi-Automatic, or Manual selectable <b>Laser On/Off:</b> included <b>Gain Control:</b> included <b>Level Control:</b> included <b>LCD Backlight:</b> Bright, Dim, Off selectable
<b>Operational</b>	<b>Adjustable Emissivity:</b> 0.10 to 1.00 by 0.01 <b>Liquid Crystal Display:</b> TFT technology—optimized for both indoor and outdoor use, 59mm (2.3 in) x 54mm (2.1 in) <b>Reflected Background Temperature:</b> -50 to 460°C (-58 to 860°F) <b>Ambient Operating Temperature:</b> -10 to 50°C (14 to 122°F) <b>Relative Humidity:</b> 10 to 90% Non-condensing <b>Storage Temperature:</b> -25 to 70°C (-13 to 158°F) [without batteries] <b>Storage Capacity:</b> 100 images <b>Laser On Icon:</b> included <b>Low Battery Icon:</b> included <b>Palette Icon:</b> included <b>Measurement Mode Icon:</b> included <b>Thermal Analysis Software:</b> InsideIR (included) <b>PC Software Operating Systems:</b> Microsoft® Windows® 98®, Windows 2000®, or Windows XP®
<b>Electrical</b>	<b>Power:</b> 6 AA batteries (not included) or rechargeable battery pack (included) <b>Battery Life:</b> Min. 5 hours continuous use <b>Data Transfer:</b> USB interface, total transfer time 30s for 100 pictures <b>Storage Device:</b> Flash Memory
<b>Other</b>	<b>Tripod Mount (6.35 mm (1/4) 20 unc threading)</b> <b>Weight (includes batteries):</b> 1 kg (2.2 lb) <b>Drop Test Results:</b> 0.5 m (20 in.) <b>Warranty:</b> 1 year (U.S. only - warranty duration may vary by country) <b>Manufacturing site:</b> Made in U.S.A. <b>Shock:</b> 30G, IEC 68-2-29 <b>Vibration:</b> 2.5G, IEC 68-2-6 <b>EMC:</b> EN 61326-1