

**TECHNICAL DATA** 

# Fluke TiS55+ and TiS75+ Thermal Imagers





#### FLUKE CONNECT™ ASSET TAGGING

Eliminate hours at the computer organizing your thermal images, let Asset Tagging do all that work for you. No more dragging and dropping or renaming files in the office, just scan a QR code on your asset, capture your thermal images and they automatically are sorted by asset. Start spending your time analyzing your images and creating reports instead of sorting your files one at a time.

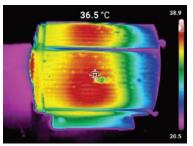
### Be proactive instead of reactive

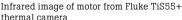
Take your plan for a proactive maintenance (PM) program and turn it into reality. To get started, you need features that make it easy to set up your image organization and inspection routines. With the TiS55+ and TiS75+, you're well on your way to implementing a successful PM program.

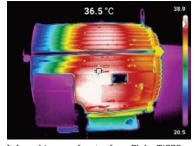
### Ditch the clipboard

With so many inspections in your day, it can be hard to remember what you saw and where you inspected. Maybe you carry around a clipboard to jot down notes. The TiS55+ and TiS75+ come with built-in personal assistants, which means you can finally ditch the clipboard and have all the information you need embedded in the images you save, including:

- Voice annotation
  - Record up to 60 seconds per thermal image
  - Identify exactly what you see in real time
- IR-PhotoNotes
  - Take photos of asset numbers and other identifiers
  - Use as a reference when looking at the thermal image on your computer
- Asset Tagging
  - Sort your thermal images by asset
  - Scan a QR code on your asset, then start capturing thermal images
  - Images will automatically be sorted by asset, simply connect your camera to your computer to view them.







Infrared image of motor from Fluke TiS75+ thermal camera

### Rugged. Reliable. Accurate.

- 384 x 288 (TiS75+) or 256 x 192 (TiS55+) infrared resolution
- -20 °C to 550 °C temperature range
- 3.5" VGA Touchscreen LCD display
- Water and dust resistant (IP54)
- Engineered to withstand a 2-meter drop



### **Specifications**

Key Features	TiS75+	TiS55+
Infrared resolution	384 x 288 (110,592 pixels)	256 x 192 (49,152 pixels)
IFOV	1.91 mRad	1.91 mRad
Field of view	42° x 30°	28° x 20°
Minimum focus distance	0.5 m	0.5 m
Focus system	Manual focus and 1 meter focus marker	Manual focus and 1 meter focus marker
Wireless connectivity	Yes, to PC, iPhone® and iPad® (iOS 4s and later), Android™ 4.3 and up, and WiFi and LAN (where available)	Yes, to PC, iPhone® and iPad® (iOS 4s and later), Android™ 4.3 and up, and WiFi and LAN (where available)
Fluke Connect app compatible	Yes*, connect your camera to your smartphone, and images taken automatically upload to the Fluke Connect app for saving and sharing	Yes*, connect your camera to your smartphone, and images taken automatically upload to the Fluke Connect app for saving and sharing
Fluke Connect Assets optional software	Yes*, assign images to assets and create work orders. Easily compare measurement types —whether mechanical, electrical or infrared images—in one location	Yes*, assign images to assets and create work orders. Easily compare measurement types —whether mechanical, electrical or infrared images—in one location
Asset Tagging	Scan a QR code to automatically organize and file thermal images with Fluke Connect $^{\text{\tiny TM}}$	Scan a QR code to automatically organize and file thermal images with Fluke Connect™
IR-Fusion technology	AutoBlend continuous 0 % to 100 %. Adds the context of the visible details to your infrared image	AutoBlend continuous 0 % to 100 %. Adds the context of the visible details to your infrared image
Picture-In-Picture (PIP)	Yes	Yes
Display	3.5" (8.9 cm landscape) touchscreen 640 x 480 LCD	3.5" (8.9 cm landscape) touchscreen 640 x 480 LCD
Ergonomic design	Designed for one-handed use	Designed for one-handed use
Thermal sensitivity	40 mk	40 mk
Level and span	Smooth auto and manual scaling	Smooth auto and manual scaling
Fast auto-rescale in manual mode	Yes	Yes
Minimum span (in manual mode)	3° °C (4.5 °F)	3°C (4.5 °F)
Minimum span (in auto mode)	5°C (9.0 °F)	5°C (9.0 °F)
Built-in digital camera (visible light)	Up to 5mp	Up to 5mp
Frame rate	9 Hz or 27 Hz models	9 Hz or 27 Hz models
Dew point calculation	Yes, on camera	No

<sup>\*</sup> Fluke Connect analysis and reporting software is available in all countries but Fluke Connect is not. Please check availability with your authorized Fluke distributor.



## **Specifications** continued

Internal memory — 500 images — 500 images External memory — 24 GB SD card (>1000 images)   ≥4 GB SD card (>1000 images (*10	Key Features	TiS75+	TiS55+		
External memory    ≥4 GB SD card (>1000 images)   ≥4 GB SD card (>1000 images)   0ne-handed image capture, review, and save capability   0ne-handed image capture is   0ne-handed image capture is   0ne-handed image capture, review, and save capability   0ne-handed image capture is   0ne-handed image capture is   0ne-handed image capture is   0ne-handed image capture   0ne-handed image   0ne-han	Data storage and image capture				
Image capture, review, save mechanism  One-handed image capture, review, and save capability  Image file formats  Non-radiometric BMP or JPEG or fully-radiometric is2  Yes  Yes  Yes  Yes  Yes  Software  Fluke Connect software-full analysis and reporting software with access to the Fluke Connect software with access to the	Internal memory	~500 images	~500 images		
mechanism Image file formats Image file file file Image formats Image file formats Image file formats Image file file Image formats Image file file file Image file formats Image file formats Image file file Image formats Image file file Image file file Image file file Image formats Image file Ima	External memory	≥4 GB SD card (>1000 images)	≥4 GB SD card (>1000 images)		
Memory review   Yes   Yes					
Fluke Connect software—full analysis and reporting software with access to the Fluke Connect and a PC  Analyze and store radiometric data on a PC  Export file formats with Fluke Connect  Signature (Fluke Connect)  Signature (Fluke Connect)  Yes  Export file formats with Fluke Connect  Signature (Fluke Connect)  Yes  Yes  Yes  Yes  Yes  Export file formats with Fluke Connect  Signature (Fluke Connect)  Yes, 60 second maximum audio recording via Bluetooth Audio Headset Profile (HSP) connection to external device.  IR-PhotoNotes  Yes, Up to 3 extra user-selectable visible light image capture to be included in 152 file.  Text annotations  After IS2 capture, user can type in a note using on-screen keyboard.  After IS2 capture, user can type in a note using on-screen keyboard.  After IS2 capture, user can type in a note using on-screen keyboard.  After IS2 capture, user can type in a note using on-screen keyboard.  After IS2 capture, user can type in a note using on-screen keyboard.  After IS2 capture, user can type in a note using on-screen keyboard.  No  Yes. User-selectable time interval for capturing IS2 or Jpeg files.  Battery  Battery  Battery  Battery  Battery charging time  Signature (Fluke Connect)  Accoperation  Ac operation  Accoperation	Image file formats				
reporting software with access to the Fluke Connect Analyze and store radiometric data on a PC Export file formats with Fluke Connect Software  Ves  Ves  Ves  Ves  Ves  Ves  Ves  Export file formats with Fluke Connect software  Ves, 60 second maximum audio recording via Bluetooth Audio Headset Profile (HSP) connection to external device.  Ves, 60 second maximum audio recording via Bluetooth Audio Headset Profile (HSP) connection to external device.  IR-PhotoNotes  Yes, Up to 3 extra user-selectable visible light image capture to be included in IS2 file.  Text annotations  After IS2 capture, user can type in a note using on-screen keyboard.  Video recording and formats  After IS2 capture, user can type in a note using on-screen keyboard.  Video recording and formats  Pes  Auto capture (temperature and interval)  Eattery  Batteries  (field-replaceable, rechargeable)  Battery life  Accoracy  Accoracy  Accoracy  Accoracy  Accoracy  Accoracy  Accoracy  Accoracy  Accoracy  Analyze and store radiometric data on Press Ves  Ves  Ves  Ves  Ves  Ves  Accoracy  Yes, 60 second maximum audio recording via Bluetooth Audio Headset Profile (HSP) connection to external device.  Ves, 50 second maximum audio recording via Bluetooth Audio Headset Profile (HSP) connection to external device.  Ves, 60 second maximum audio recording via Bluetooth Audio Headset Profile (HSP) connection to external device.  Ves, 60 second maximum audio recording via Bluetooth Audio Headset Profile (HSP) connection to external device.  Ves, 60 second maximum audio recording via Bluetooth Audio Headset Profile (HSP) connection to external device.  Ves. Up 1 extra user-selectable visible light image capture to be included in IS2 file.  After IS2 capture, user can type in a note using on-screen keyboard.  No  No  Yes. User-selectable time interval for capturing IS2 or Jpeg files.  Battery  Lithium-ion rechargeable battery  (Actual life depends on settings and usage)  42.5 hours to full charge  Tis ISC3B Two-Bay Battery Charger or in-mager charging, dose not	Memory review	Yes	Yes		
Export file formats with Fluke Connect software  Ves. 60 second maximum audio recording via Bluetooth Audio Headset Profile (HSP) connection to external device.  IR-PhotoNotes  Yes. 60 second maximum audio recording via Bluetooth Audio Headset Profile (HSP) connection to external device.  IR-PhotoNotes  Yes. Up to 3 extra user-selectable visible light image capture to be included in IS2 file.  Text annotations  After IS2 capture, user can type in a note using on-screen keyboard.  Video recording and formats  Standard and radiometric video. Up to 5 minutes recording length. avi and is3  Remote control operations  Auto capture (temperature and interval)  Pattery  Battery  Battery  Battery  Battery life  Actual life depends on settings and usage)  Battery charging system  Ti SBC3B Two-Bay Battery Charger or in-Imager charging.  AC operation  AC operation  AC operation  AC operation  AC operation  AC operation  AC operature measurement  Temperature measurement  Temperature measurement  Yes  Yes  Yes  No  Yes  No  Yes User-selectable time interval for capturing ISZ or Jpeg files.  Lithium-ion rechargeable battery  [Actual life depends on settings and usage)  S2.5 hours to full charge  Ti SBC3B Two-Bay Battery Charger or in-Imager charging, (does not come with two-bay battery charger)  AC operation  AC operation with included power supply, universal adapters included Output: 15 VDc, 2 A  User-selectable sleep and power off  Temperature measurement  Temperature measurement  Yes, "top ten" material list plus numerical adjustment between 0.01 and 1.00  On-screen emissivity correction  Yes  Yes	Software	reporting software with access to the Fluke	reporting software with access to the Fluke		
Septimate    Septimate   Sept		Yes	Yes		
Bluetooth Audio Headset Profile (HSP) connection to external device.		is3, is2, BMP, GIF, JPEG, PNG, TIFF	is2, BMP, GIF, JPEG, PNG, TIFF		
image capture to be included in IS2 file.  Text annotations  After IS2 capture, user can type in a note using on-screen keyboard.  After IS2 capture, user can type in a note using on-screen keyboard.  No  Remote control operations  Auto capture (temperature and interval)  Battery  Batteries (field-replaceable, rechargeable)  Battery life  Battery life  Battery charging time  Ti SBC3B Two-Bay Battery Charger or in-Imager charging.  AC operation  AC operation  AC operation  AC operation  AC operation  AC operation  Bower saving  Bower saving  Description  Bower saving  Description  Bower saving  Con-screen emissivity correction  After IS2 capture, user can type in a note using on-screen keyboard.  After IS2 capture, user can type in a note using on-screen keyboard.  After IS2 capture, user can type in a note using on-screen keyboard.  After IS2 capture, user can type in a note using on-screen keyboard.  After IS2 capture, user can type in a note using on-screen keyboard.  After IS2 capture, user can type in a note using on-screen keyboard.  After IS2 capture, user can type in a note using on-screen keyboard.  After IS2 capture, user can type in a note using on-screen keyboard.  After IS2 capture, user can type in a note using on-screen keyboard.  After IS2 capture, user can type in a note using on-screen keyboard.  After IS2 capture, user can type in a note using on-screen keyboard.  After IS2 capture, user can type in a note using on-screen relicated below in S2 in the using on-screen relicated below in a using on-screen relicated below in a using on-screen relicated below in a using on-screen relicated below in IS2 in a using on-screen relicated background temperature compensation  After IS2 capture, user an type in a note using on-screen relicated below in IS2 in a using on-screen relicated background temperature on part and is such as a user an type in a note using on-screen relicated background temperature on in IS2 or IP is a like in IS2 or IP is ISC3B Two-Bay Battery Charger or in-Imager charging. (does n	Voice annotation	Bluetooth Audio Headset Profile (HSP)	Bluetooth Audio Headset Profile (HSP)		
No on-screen keyboard.  Video recording and formats  Standard and radiometric video. Up to 5 minutes recording length. avi and is3  Remote control operations  Yes	IR-PhotoNotes				
Remote control operations  Remote control operations  Auto capture (temperature and interval)  Pess. User-selectable time interval for capturing IS2 or Jpeg files.  Pess. User-selectable time interval for capturing IS2 or Jpeg files.  Pess. User-selectable time interval for capturing IS2 or Jpeg files.  Pess. User-selectable time interval for capturing IS2 or Jpeg files.  Pess. User-selectable time interval for capturing IS2 or Jpeg files.  Pess. User-selectable time interval for capturing IS2 or Jpeg files.  Pess. User-selectable time interval for capturing IS2 or Jpeg files.  Pess. User-selectable time interval for capturing IS2 or Jpeg files.  Pess. User-selectable battery  Lithium-ion rechargeable battery  Lithium-ion rechargeable battery  Actual life depends on settings and usage)  Pess. S hours continuous without WiFi (Actual life depends on settings and usage)  Pess. S hours to full charge  S 2.5 hours to full charge  Ti SBC3B Two-Bay Battery Charger or in-Imager charging. (does not come with two-bay battery charger)  Acto operation  Act operation with included power supply, universal adapters included Output: 15 VDC, 2 A  Decense a Viser-selectable sleep and power off  Pemperature measurement  Temperature measurement  Temperature mange (not calibrated below -10 °C)  Accuracy  Pess. "C or 2 % (whichever is greater) at 25 °C ambient temperature  Yes, "top ten" material list plus numerical adjustment between 0.01 and 1.00  On-screen reflected background temperature compensation  Pess. Yes  Pess. Yes	Text annotations				
Auto capture (temperature and interval)  Battery  Batteries (field-replaceable, rechargeable)  Battery life  Battery charging time  Solution  Battery charging system  Ti SBC3B Two-Bay Battery Charger or in-Imager charging.  AC operation  AC operation  AC operation  Bower saving  Description  Description  Description  Description  Description  Description  Con-screen emissivity correction  On-screen reflected background temperature compensation  Battery charging time   Yes. User-selectable time interval for capturing IS2 or Jpeg files.  Yes. User-selectable time interval for capturing IS2 or Jpeg files.  Yes. User-selectable time interval for capturing IS2 or Jpeg files.  Yes. User-selectable time interval for capturing IS2 or Jpeg files.  Yes. User-selectable time interval for capturing IS2 or Jpeg files.  Yes. User-selectable time interval for capturing IS2 or Jpeg files.  Yes. User-selectable time interval for capturing IS2 or Jpeg files.  Yes. User-selectable time interval for capturing IS2 or Jpeg files.  Yes. User-selectable time interval for capturing IS2 or Jpeg files.  Yes. User-selectable time interval for capturing IS2 or Jpeg files.  Yes. User-selectable time interval for capturing IS2 or Jpeg files.  Yes. User-selectable battery  Lithium-ion rechargeable battery  L	Video recording and formats		No		
Battery  Batteries (field-replaceable, rechargeable)  Battery life  Battery life  Battery charging time  Sattery charging system  Ti SBC3B Two-Bay Battery Charger or in-Imager charging. (does not come with two-bay battery charger)  AC operation  AC operation with included power supply, universal adapters included Output: 15 VDC, 2 A  Diser-selectable sleep and power off  Temperature measurement  Temperature range (not calibrated below -10 °C)  Accuracy  AC on-screen emissivity correction  Ti SBC or Jpeg files.  Its 2 or Jpeg files.  Its intimum-ion rechargeable battery  [Actual life depends on settings and usage)  \$\alpha\$ 3.5 hours to full charge  \$\alpha\$ 2.5 hours to full charge  \$\alpha\$ 1 SBC3B Two-Bay Battery Charger or in-Imager charging. (does not come with two-bay battery charger)  Its SBC3B Two-Bay Battery Charger or in-Imager charging. (does not come with two-bay battery charger)  AC operation with included power supply, universal adapters included Output: 15 VDC, 2 A  User-selectable sleep and power off  User-selectable sleep and power off  -20 °C to 550 °C (not calibrated below -10 °C)  -20 °C to 550 °C (not calibrated below -10 °C)  -20 °C to 550 °C (not calibrated below -10 °C)  -20 °C to 550 °C (not calibrated below -10 °C)  -20 °C to 550 °C (not calibrated below -10 °C)  -20 °C to 550 °C (not calibrated below -10 °C)  -20 °C to 550 °C (not calibrated below -10 °C)  -20 °C to 550 °C (not calibrated below -10 °C)  -20 °C to 550 °C (not calibrated below -10	Remote control operations	Yes	No		
Batteries (field-replaceable, rechargeable)  Battery life  Battery life  Battery life  Battery charging time  Sale to peration  AC operation  AC operation  Bettery saving  Bower saving  Bower saving  Temperature measurement  Temperature angle (not calibrated below -10 °C)  Accuracy  Battery chargen  Conscreen emissivity correction  Lithium-ion rechargeable battery  ≥ 3.5 hours continuous without WiFi (Actual life depends on settings and usage)  ≥ 2.5 hours to full charge  ≤ 2.5 hours to full charge  Ti SBC3B Two-Bay Battery Charger or in-Imager charging. (does not come with two-bay battery charger)  AC operation with included power supply, universal adapters included Output: 15 VDC, 2 A  User-selectable sleep and power off  Temperature measurement  Temperature range (not calibrated below -10 °C)  -20 °C to 550 °C (not calibrated below -10 °C)  Accuracy  12 °C or 2 % (whichever is greater) at 25 °C ambient temperature  Yes, "top ten" material list plus numerical adjustment between 0.01 and 1.00  On-screen reflected background temperature compensation  Yes  Yes	Auto capture (temperature and interval)				
Elttnium-ion recnargeable battery	Battery				
Battery life (Actual life depends on settings and usage)  Battery charging time ≤2.5 hours to full charge ≤2.5 hours to full charge  Battery charging system Ti SBC3B Two-Bay Battery Charger or in-Imager charging. (does not come with two-bay battery charger)  AC operation with included power supply, universal adapters included Output: 15 VDC, 2 A  Power saving User-selectable sleep and power off User-selectable sleep and power off  Temperature measurement  Temperature range (not calibrated below -10 °C)  Accuracy 2°C to 550 °C (not calibrated below -10 °C)  -20 °C to 550 °C (not calibrated below -10 °C)		Lithium-ion rechargeable battery	Lithium-ion rechargeable battery		
Battery charging system  Ti SBC3B Two-Bay Battery Charger or in-Imager charging.  AC operation with included power supply, universal adapters included Output: 15 VDC, 2 A  Power saving  User-selectable sleep and power off  Temperature measurement  Temperature range (not calibrated below -10 °C)  Accuracy  2° C or 2 % (whichever is greater) at 25 °C ambient temperature  Yes, "top ten" material list plus numerical adjustment between 0.01 and 1.00  On-screen reflected background temperature compensation  Ti SBC3B Two-Bay Battery Charger or in-Imager charging. (does not come with two-bay battery charger)  AC operation with included power supply, universal adapters included Output: 15 VDC, 2 A  User-selectable sleep and power off  User-selectable sleep and power off  -20 °C to 550 °C (not calibrated below -10 °C)  -20 °C to 550 °C (not calibrated below -10 °C)  **Example of the charging	Battery life				
Battery charging system  AC operation with included power supply, universal adapters included Output: 15 VDC, 2 A  Power saving User-selectable sleep and power off  Temperature measurement  Temperature range (not calibrated below -10 °C)  Accuracy	Battery charging time	≤2.5 hours to full charge	≤2.5 hours to full charge		
AC operation  universal adapters included Output: 15 VDC, 2 A  Power saving  User-selectable sleep and power off  User-selectable sleep and power off  Temperature measurement  Temperature range (not calibrated below -10 °C)  Accuracy  -20 °C to 550 °C (not calibrated below -10 °C)  ±2 °C or 2 % (whichever is greater) at 25 °C ambient temperature  Yes, "top ten" material list plus numerical adjustment between 0.01 and 1.00  Yes  Yes  Yes  Yes	Battery charging system		in-Imager charging. (does not come with		
Temperature range (not calibrated below -10 °C)  Accuracy  -20 °C to 550 °C (not calibrated below -10 °C)  +2 °C or 2 % (whichever is greater) at 25 °C ambient temperature  Yes, "top ten" material list plus numerical adjustment between 0.01 and 1.00  Yes  Yes  Yes  Yes	AC operation	universal adapters included	universal adapters included		
Temperature range (not calibrated below -10 °C)  -20 °C to 550 °C (not calibrated below -10 °C)  -20 °C to 550 °C (not calibrated below -10 °C)  -20 °C to 550 °C (not calibrated below -10 °C)  -20 °C to 550 °C (not calibrated below -10 °C)  -20 °C to 550 °C (not calibrated below -10 °C)  -20 °C to 550 °C (not calibrated below -10 °C)  -20 °C to 550 °C (not calibrated below -10 °C)  -20 °C to 550 °C (not calibrated below -10 °C)  -20 °C to 550 °C (not calibrated below -10 °C)  -20 °C to 550 °C (not calibrated below -10 °C)  -20 °C to 550 °C (not calibrated below -10 °C)  -20 °C to 550 °C (not calibrated below -10 °C)  -20 °C to 550 °C (not calibrated below -10 °C)  -20 °C to 550 °C (not calibrated below -10 °C)  -20 °C to 550 °C (not calibrated below -10 °C)  -20 °C to 550 °C (not calibrated below -10 °C)  -20 °C to 550 °C (not calibrated below -10 °C)  -20 °C to 550 °C (not calibrated below -10 °C)  -20 °C to 550 °C (not calibrated below -10 °C)	Power saving	User-selectable sleep and power off	User-selectable sleep and power off		
Accuracy  \[ \begin{array}{cccccccccccccccccccccccccccccccccccc	Temperature measurement				
Accuracy  ambient temperature  Yes, "top ten" material list plus numerical adjustment between 0.01 and 1.00  On-screen reflected background temperature compensation  Yes  Yes, "top ten" material list plus numerical adjustment between 0.01 and 1.00  Yes  Yes		-20 °C to 550 °C (not calibrated below -10 °C)	-20 °C to 550 °C (not calibrated below -10 °C)		
On-screen emissivity correction  numerical adjustment between 0.01 and 1.00  numerical adjustment between 0.01 and 1.00  Yes  Yes	Accuracy				
temperature compensation	On-screen emissivity correction				
On-screen transmission correction Yes Yes		Yes	Yes		
	On-screen transmission correction	Yes	Yes		



## **Specifications** continued

Key Features	TiS75+	TiS55+
Standard palettes	6	6
General specifications		
Color alarms	Yes. User-selectable hot and cold point and internal/external range color alarms. Modifies palettization of IR image by limiting which pixels are drawn using palette colors based on the pixel temperature.	Yes. User-selectable hot and cold point and internal/external range color alarms. Modifies palettization of IR image by limiting which pixels are drawn using palette colors based on the pixel temperature.
Infrared spectral band	~8-14µm	~8-14µm
Operating temperature	-10 °C to 50 °C (14 °F to 122 °F)	-10 °C to 50 °C (14 °F to 122 °F)
Storage temperature	-20 °C to 50 °C (-4 °F to 122 °F) without batteries	-20 °C to 50 °C (-4 °F to 122 °F) without batteries
Relative humidity	10 % to 95 % non-condensing	10 % to 95 % non-condensing
Spot temperature	Center spot (unmovable)	Center spot (unmovable)
User-definable spot markers	Yes, 5 user-adjustable spot markers for a single pixel each. Position is adjustable. Temperature value for marker shown on screen. User can choose to switch display on/off for each marker.	Yes, 3 user-adjustable spot markers for a single pixel each. Position is adjustable. Temperature value for marker shown on screen. User can choose to switch display on/off for each marker.
User defined measurement boxes	Yes, 5 user-adjustable rectangles. Size and position are adjustable. Rectangle statistics shown on screen: Min, Max, Average temperature. User can choose to switch display on/off for each marker.	Yes, 3 user-adjustable rectangles. Size and position are adjustable. Rectangle statistics shown on screen: Min, Max, Average temperature. User can choose to switch display on/off for each marker.
Hard case	Rugged hard carrying case with soft transport bag, including adjustable strap	Rugged hard carrying case with soft transport bag, including adjustable strap
Safety standards	IEC 61010-1: Pollution Degree 2	IEC 61010-1: Pollution Degree 2
Electromagnetic compatibility	IEC 61326-1: Portable Electromagnetic Environment; IEC 61326-2-2 CISPR 11: Group 1, Class A	IEC 61326-1: Portable Electromagnetic Environment; IEC 61326-2-2 CISPR 11: Group 1, Class A
Australian RCM	RCM IEC 61326-1	RCM IEC 61326-1
US FCC	47 CFR 15 Subpart C Sections 15.207, 15.209, 15.249	47 CFR 15 Subpart C Sections 15.207, 15.209, 15.249
Vibration	10 Hz to 150 Hz, 0.15 mm, IEC 60068-2-6	10 Hz to 150 Hz, 0.15 mm, IEC 60068-2-6
Shock	30 g, 11 ms, IEC 60068-2-27	30 g, 11 ms, IEC 60068-2-27
Drop	Engineered to withstand 2 m drop	Engineered to withstand 2 m drop
Sized (H x W x L)	~ (26.7 cm x 10.1 cm x 14.5 cm) ~ (10.5 in x 4.0 in x 5.7 in)	~ (26.7 cm x 10.1 cm x 14.5 cm) ~ (10.5 in x 4.0 in x 5.7 in)
Weight (battery included)	≤2.27 kg (5 lb)	≤2.27 kg (5 lb)
Enclosure rating	IP54	IP54
Warranty	Two-years (standard)	Two-years (standard)
Recommended calibration cycle	Two-years (assumes normal operation and normal aging)	Two-years (assumes normal operation and normal aging)
Supported languages	Czech, Dutch, English, Finnish, French, German, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Span- ish, Swedish, Traditional Chinese, and Turkish	Czech, Dutch, English, Finnish, French, German, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Span- ish, Swedish, Traditional Chinese, and Turkish
RoHS compliant	Yes	Yes



### **Ordering information**

FLK-TIS75+ 27HZ THERMAL IMAGER FLK-TIS75+ 9HZ THERMAL IMAGER FLK-TIS75+ 9HZ/CN THERMAL IMAGER FLK-TIS55+ 27HZ THERMAL IMAGER FLK-TIS55+ 9HZ THERMAL IMAGER FLK-TIS55+ 9HZ/CN THERMAL IMAGER

#### **Included**

Infrared camera; ac power supply (including universal ac adapters); two-bay smart battery charger (TiS75+ only); rugged lithium ion smart batteries (TiS75+ includes 2 --TiS55+ includes 1); USB cable; 4 GB micro SD card; rugged, hard carrying case; soft transport bag; adjustable hand strap. Available by free download: desktop software and user manual.

### **Optional accessories**

FLK-BLUETOOTH Bluetooth Headset FLK-TI-TRIPOD3 Tripod Mounting Accessory BOOK-ITP Introduction to Thermography Principles Book

FLK-TI-SBP3 Additional Smart Battery FLK-TI-SBC3B Smart Battery Charger TI-CAR CHARGER Car Charger



#### Preventive maintenance simplified. Rework eliminated.

Save time and improve the reliability of your maintenance data by wirelessly syncing measurements using the Fluke Connect system.

- Eliminate data-entry errors by saving measurements directly from the tool and associating them with the work order, report or asset record.
- Maximize uptime and make confident maintenance decisions with data you can trust and trace.
- Move away from clipboards, notebooks and multiple spreadsheets with a wireless one-step measurement transfer.
- · Access baseline, historical and current measurements by asset.
- Share your measurement data using ShareLive<sup>™</sup> video calls and emails.
- The TiS55+ and TiS75+ infrared cameras are part of a growing system of connected test tools and equipment maintenance software. Visit the Fluke website to learn more about the Fluke Connect system.







All trademarks are the property of their respective owners. WiFi or cellular service required to share data. Smartphone, wireless service and data plan not included with purchase. First SGB of storage is free

Smartphone wireless service and data plan not included with purchase. Fluke Connect is not available in all countries.

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