

QuickStart FLUKE Ti480/450/401/400/300/200



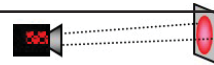
- 1. MEMORY:** Insert SD memory card into the slot under the rubber cover on the side of the camera.
- 2. POWER:** Insert a fully charged battery into the base of the hand grip. The battery life is indicated in the lower left corner of the LCD display. You can also press and hold the battery symbol on the side of the battery.
- 3. START:** Press the Power button until you hear an audible tone signaling camera startup.
 - Swing the attached lens cover up and lock in the open position on the top of the camera.
 - The LCD display will turn on and you will see the default start up screen (as above) showing a live infrared image.
 - To turn the camera off, press the Power button until an audible tone signals it is powering down.
- 4. FOCUS:** Focus is either manual or automatic, and is user selectable.
 - To manually focus, adjust the focusing ring either clockwise or counter clockwise to optimize image focus
 - Automatic focus is laser enhanced. To utilize the laser assisted auto focus, depress the laser assisted focus trigger while aiming the laser pointer at the object of interest. While holding the camera steady, release the trigger. If there is too much movement of the laser during the auto focusing operation, an Excessive Laser Movement warning may appear on the screen
- 5. AUTO ADJUST (Level and Span):** Auto Level and Span can be selected two ways. If operating in Manual Mode, depress and hold the F1 button and the imager will change to Auto mode.
 - Auto mode is additionally accessible through the menu screens. Depress the F2 button to open the Menu, and either with the directional buttons or by using the touch screen, select Measurement. Then select Set Level/Span. To select auto, either press the Auto button on the screen, or highlight it with the directional buttons and then depress Select or Done.
- 6. MANUAL ADJUST (Level and Span):** Manual Level and Span can be selected two ways. If operating in Auto Mode, depress and hold the F1 button and the imager will change to Manual mode.
 - Manual mode is additionally accessible through the menu screens. Depress the F2 button to open the Menu, and either with the directional buttons or by using the touch screen select Measurement. Then select Set Level/Span. To select Manual, either depress the Manual button on the screen, or highlight it with the directional buttons and then depress Select.
 - While in Manual mode, a one-time auto adjust of level and span can be made by depressing the F3 button.

QuickStart FLUKE Ti480/450/401/400/300/200

- 7. PAUSE IMAGE (Freeze):** Live images are paused by depressing the green trigger once. Once an image has been paused, the options are given to Save, Edit or Cancel. Selecting cancel returns the imager to live operation
- 8. SAVE IMAGE:** After depressing the green trigger, Save appears above the F1 button. To save the image, either depress the F1 button or select Save on the touch screen.
- 9. RECALL IMAGE:** Depress the F2 button, and either using the directional buttons (< and >) or by interfacing the touch screen, select Memory. In the Memory menu, use the directional buttons or touch screen to select an image, then either click on the image via the touchscreen or select OK to open the selected image.
- 10. PALETTE:** From the home screen, depress the F2 button. Then using either the directional arrow buttons or the touchscreen, select Image, then select Palette. Select Set Palette, and then using either the up/down directional arrow buttons or the touchscreen scroll through the palette selections. To select a particular palette, either depress the F1 button (done) twice or click the selection on the touch screen and then select Done.
- 11. EMISSIVITY:** From the home screen depress the F2 button, then using either the directional arrow buttons or the touchscreen, highlight Measurement. Either depress the F1 button (OK) or using the touchscreen press Measurement. Then either using the directional arrow buttons or the touchscreen highlight Emissivity. Then, either depress the F1 button (OK) or touch Emissivity on the touchscreen. Then select either Adjust Number or Select Table.
- 12. BACKGROUND:** From the home screen depress the F2 button, then using either the directional arrow buttons or the touchscreen, highlight Measurement. Either depress the F1 button (OK) or using the touchscreen press Measurement. Then either using the directional arrow buttons or the touchscreen highlight Background. Then with the up/down directional arrow buttons or utilizing the touchscreen, adjust the background correction factor to the desired level. To save the selection, either depress the F1 button (Done) or depress Done on the touchscreen.
- 13. TRANSMISSION:** From the home screen depress the F2 button, then using either the directional arrow buttons or the touchscreen, highlight Measurement. Either depress the F1 button (OK) or using the touchscreen press Measurement. Then either using the directional arrow buttons or the touchscreen highlight Transmission. Then with the up/down directional arrow buttons or utilizing the touchscreen, adjust the transmission correction factor to the desired level. To save the selection, either depress the F1 button (Done) or touch Done on the touchscreen.

Ti-401/480 Pro

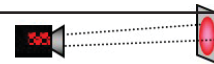
IFOV = 0.93 mRad (Theoretical with 640x480 Detector and standard 34°x24° lens)



Detect 1 in. target @ 89ft.

Ti-400/450

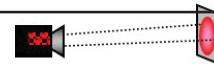
IFOV = 1.31 mRad (Theoretical with 320x240 Detector and standard 24°x17° lens)



Detect 1 in. target @ 64ft.

Ti-300

IFOV = 1.75 mRad (Theoretical with 240X180 Detector and standard 24°x17° lens)



Detect 1 in. target @ 48ft.

Ti-200

IFOV = 2.09 mRad (Theoretical with 200X150 Detector and standard 24°x17° lens)



Detect 1 in. target @ 40ft.