*Quick*Start: Fluke Ti90/95/100/110/125 TiR110/125

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 upper left corner of the LCD display. You can also press and hold the battery symbol on the side of the battery.

3. START: Press and hold the green power button (located above the LCD display screen) until you hear an audible tone signaling camera startup.
   - Swing the attached lens cover up into the open position.
   - **To turn the camera off**, press the green power button until an audible tone signals it is powering down.

4. AUTO ADJUST: (Level and Span) The default start-up image adjustment mode will be the one that was set prior to the power being shut off after its last use. Auto or Manual will be displayed in the upper right corner of the LCD screen indicating which adjustment mode is currently set.
   If the imager starts up in Manual Mode:
   1) Hold down the F1 BUTTON for 1 second to switch back to Auto Mode Or…
   2) Press the F3 BUTTON once for a one-time Auto Adjust. This will automatically adjust the image, but the camera will remain in Manual Mode.

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5. FOCUS: This imager (except for Ti100 models) incorporates Fluke's IR-OptiFlex™ focus system (image, right) which allows the operator to often work without having to focus on objects at distances greater than 48" (122cm) away. Any target beyond this threshold will typically require little, if any, additional focus. To set this focus-free mode, adjust the focus control located on the lens housing by aligning the white dot on the focus ring with the larger white dot on the side of the camera. If additional focus is necessary, or if you would like to manually focus/fine tune the image, simply turn the IR-OptiFlex™ focus control until the desired focus is reached.

6. MANUAL ADJUST: (Level and Span)

Method #1 If in Auto Mode, hold the F1 Button to switch to "Manual Mode: Once in Manual, use the ARROW KEYS (image, right) to adjust both the SPAN and LEVEL of the image:

Span Adjustment
- Left Arrow = Decreases Span
- Right Arrow = Increases Span

Level Adjustment
- Up Arrow = Raises Level
- Down Arrow = Lowers Level

Method #2 Press F2 to enter the menu system.

Use the Up or Down arrow keys to highlight MEASURMENT on the main menu. Press either F1 [OK] or the RIGHT ARROW button. This will take you to the Measurement sub-menu, Highlight RANGE using the Up or Down arrow keys and once again press either F1 [OK] or the RIGHT ARROW button. This will bring you to the Range sub-menu where you will see two options for span and level adjustment. Select, MANUAL RANGE (image, right) to go to Manual Mode.

7. PAUSE IMAGE: Pause or Freeze the image by pressing the front *Trigger once*. If this is not an image you desire to save, abort the saved image by pressing the trigger button again (or F3 to CANCEL) and return to a live image.

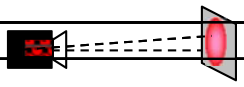
8. SAVE IMAGE: To save an image, first pause the image (see above) and then select F1 [SAVE].

9. PALETTE: From the main menu [F2], navigate to IMAGE then PALETTE then STANDARD and select your color palette preference (Use Grayscale or Ironbow for now). Select F1 [DONE] to lock it in.

10. EMISSIVITY: From the main menu [F2], navigate to MEASUREMENT and select EMISSIVITY. You can either manually enter a value or select one from the table provided. Select DONE to lock it in.

11. BACKGROUND TEMPERATURE: From the main menu [F2], navigate to MEASUREMENT and select BACKGROUND Adjust the background temperature values and select DONE to lock it in.

IFOV = 3.39 mRad (Theoretical with 160x120 Detector and 31°x22.5° lens)



Detect 1in. target @ 24.5ft.