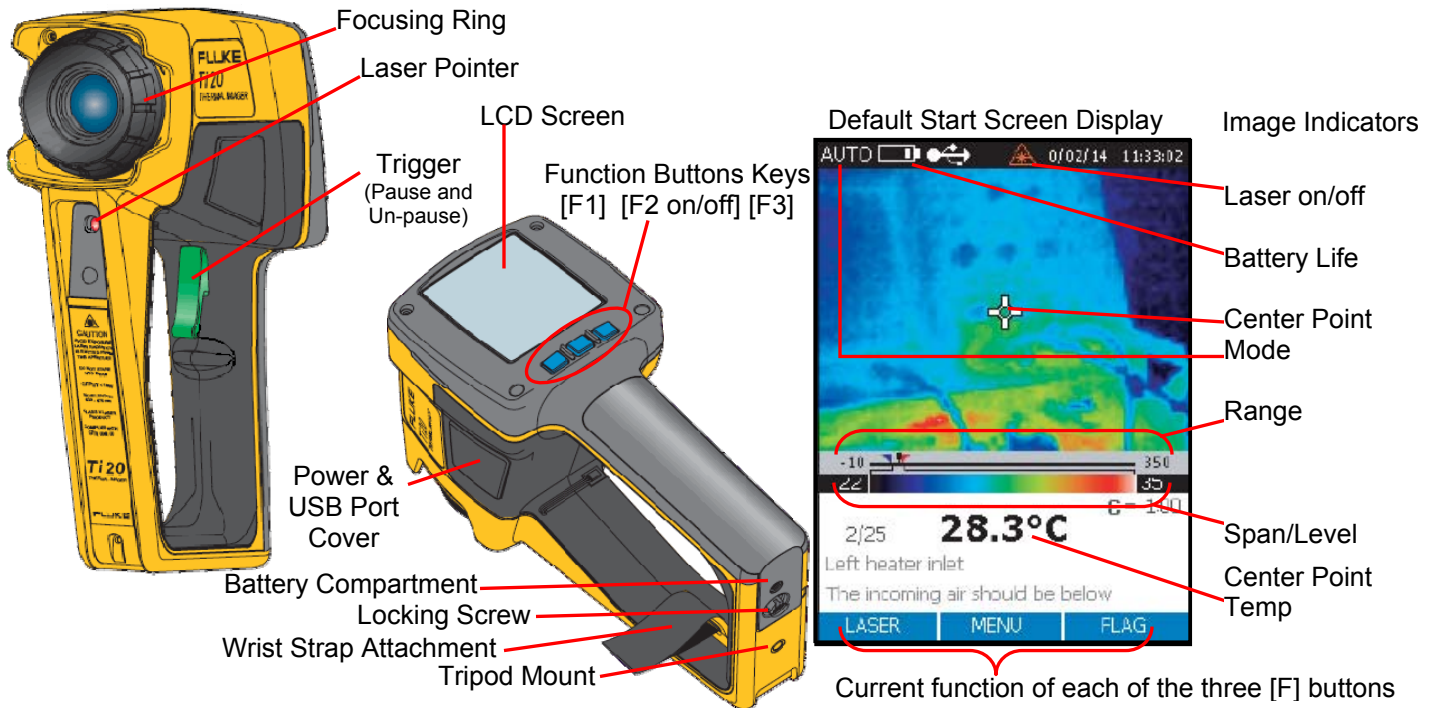


QuickStart: FLUKE Ti20



- MEMORY:** The Fluke Ti20 houses internal memory for image storage.
- POWER:** To install or replace a battery open the *Battery Compartment* with a small flat tip screwdriver, turning the locking screw ¼ turn counterclockwise. Connect the battery terminal to the wired internal connector, insert battery into pistol grip, close and lock by turning the locking screw ¼ turn clockwise.
 - The battery can now be charged in the camera by simply connecting the included charger to the *Power* connector under the black rubber cover on the side of the camera.
 - Individual batteries can also be charged externally to the camera using the included adapter.
- START:** Press and briefly hold the center button key [F2] until the camera turns on. You will now see a live image in the default start screen displayed on the LCD as above.
- FOCUS:** The Fluke Ti20 manually focuses by rotating the *Focusing Ring* in the front of the camera.
- AUTO ADJUST (Level& Span):** On start-up the camera defaults to AUTO mode as shown in the *Mode* Indicator in the upper left corner of the LCD. AUTO mode allows the camera to determine the level and span settings based on the minimum and maximum temperatures observed.
- MANUAL ADJUST (Level& Span):** To manually adjust level and span from the default screen, press [F2] button one time, the menu and the functions of the corresponding [F] buttons have now changed to perform new tasks (Fig 1).
 - Pressing the Manual [F1] button will now let you choose between adjusting LEVEL or SPAN (Fig 2). (continued on back)

Fig 1

MANUAL	MENU	AUTO
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Fig 2

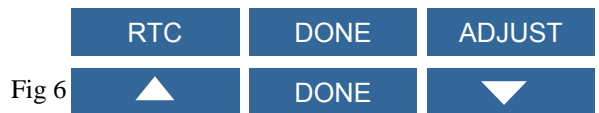
LEVEL	DONE	SPAN
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QuickStart: FLUKE Ti20

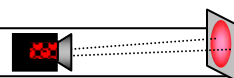
- Pressing LEVEL will allow you to adjust level higher or lower (Fig 3).
- Pressing SPAN to adjust span wider or narrower (Fig 4).



- PAUSE IMAGE:** Pause or freeze the image by momentarily pulling the green *Trigger* in front of the pistol grip. The LCD will display the "Image Captured" message. (If this is not an image you desire to save, abort the save by pulling the trigger again and return to a live image.)
- SAVE IMAGE:** To save an image, pause the image as above.
 - The new menu will now give you the options to SAVE [F1] or CANCEL [F2]. Simply push the [F1] button to save the displayed image.
- PALETTE:** To change color palettes press the [F2] button until the menu above the [F3] button says PALETTE.
 - Push [F3], then [F1] or [F3] to scroll through the different color palette choices.
- EMISSIVITY:** Press the [F2] button until [ε] is displayed on the lower left side of the LCD (Fig 5).
 - Press the [F1] button. Emissivity will be displayed in red.
 - Press [F1] to increase emissivity or [F3] to lower emissivity.
- BACKGROUND (RTC):** Press the [F2] button until [RTC] is displayed on the lower right side of the LCD.(fig5)
 - Press the [F3] button. RTC will be displayed in red.
 - Press [F1] to toggle RTC on/off. (Fig6)
 - Press [F3] to Adjust.
 - Press [F1] to increase RTC or [F3] to lower RTC.



IFOV =2.7 mRad (Theoretical with 128x96 Detector and standard lens)



Detect 1in. target @ 30ft.