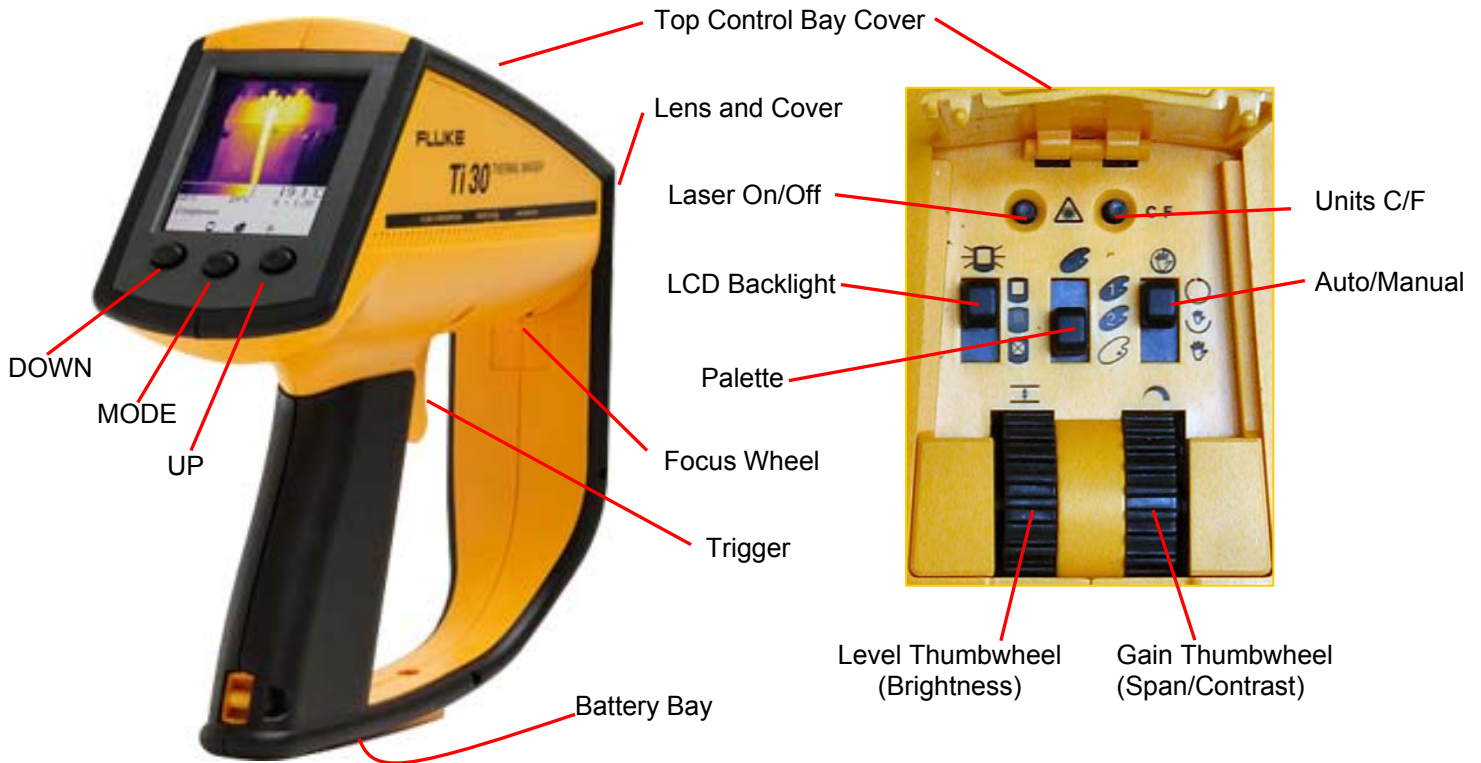


QuickStart: Fluke Ti30



- MEMORY:** The Ti30 has internal memory capable of storing 100 infrared images
- POWER:** Insert a fully charged battery into the battery bay on the bottom of the pistol grip handle.
- START:** NOTE: Until you get familiar with the camera's features, place the three slider switches under the Control bay cover in the positions shown in image above. This will be a good starting set-up to learn the camera.
 - Place the *Backlight* slider in the forward position (Backlight= bright).
 - Place the *Palette* slider in the rear position (Palette= Gray palette).
 - Place the *Auto/Manual* slider in the forward position (Auto adjust).

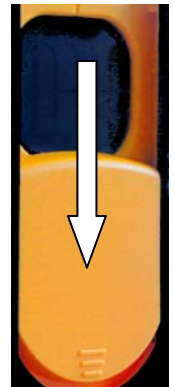


Fig 1

Now start the camera by simply sliding the intergraded *Lens cover* down (Fig 1). This will initiate the start up sequence then show the Ti30 information screen.

- Press the Mode button (center button) to obtain a live infrared image.

- FOCUS:** Focus is achieved by rotating the Manual *Focus Wheel* under the camera body in front of the trigger.
- AUTO ADJUST:** To let the camera automatically determine the Level and Gain (Span) settings place the *Auto/Manual* slider in the forward position.

QuickStart: Fluke Ti30

6. **MANUAL ADJUST:** To manually adjust Level and Gain (Span), first place the *Auto/Manual* slider in the rear position.
 - **LEVEL:** To increase (raise) the level by rotating the *Level Thumbwheel* towards the rear of the camera and decrease the level (lower) by rotating the thumbwheel forward.
 - **GAIN (Span):** To increase the gain (wider span) rotate the *Gain Thumbwheel* toward the rear of the camera and decrease the gain by rotating the thumbwheel forward.
7. **PAUSE IMAGE:** Pull and release the *Trigger* to pause the image. Pull and release the *Trigger* again to return to a live image.
8. **SAVE IMAGE:** First, pause the image as above.
 - Once the image is paused, pressing the *UP* button will save the image.
9. **RECALL IMAGE:** While in the live image measurement mode, press the *MODE* button until the last saved image is now displayed.
 - Use the *UP* and *DOWN* buttons to scroll through the previously saved images.
 - **NOTE:** When viewing stored images, always return to the “**camera thumbnail**” screen (Fig 2), using the arrow button, before returning to a live image. Images may be overwritten if you do not return to this screen.
 - Now return to a live image by pulling the *Trigger* or pressing the *MODE* button.
10. **Emissivity:** While in the live image measurement mode, press the *MODE* button until the Emissivity (ϵ) is displayed in red text ($\epsilon = xx$).
 - Press the *UP* and *DOWN* buttons to change the Emissivity value.
11. **BACKGROUND (RTC):** While in the live image measurement mode, press the *MODE* button until the RTC value is displayed in red text (**RTC = xx**).
 - Press the *UP* and *DOWN* buttons to change the RTC value.
 - **NOTE:** RTC cannot be adjusted if the Emissivity value is set to 1.0



Fig 2

