



## FAQ – Alicat’s Backlit Monochrome Display Hardware Change

In response to customer requests, Alicat Scientific has developed a new monochrome LCD display that includes a toggle-switch driven backlight, to improve readability in low light conditions.

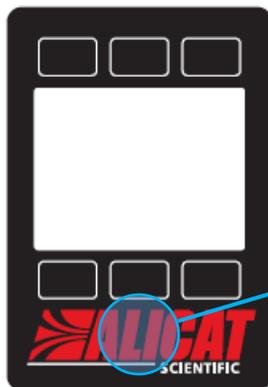
### Which instruments are affected by this change, and when will the update happen?

Alicat instruments shipped on or after 30 December 2016, will ship with the updated backlit display as a *standard* feature, with these exceptions:

- At this time, backlit displays are not available on:
  - Devices with CSA or ATEX approval
- Options for color display (TFT), and instruments without displays, will remain available.
- Subject to case-by-case conformance, customers with no-change agreements may or may not receive backlit displays. If you have a no-change agreement, you will have been notified in a separate communication. To review your no-change agreement, contact [Alicat](#).

### What changes will I notice?

- **The backlit display interface will include a button, centered under the letters “LI” in the middle of the ALICAT logo on the face of the instrument.** See the illustration below:



Location of the backlight button.

- **Supply Current will be 0.050 Amp for the electronics package when the backlight is on**, up from 0.040 Amp when it is off—exclusive of valve current requirements, if any.

### How can I use the backlight?

- **Pushing the button centered under the Alicat logo will toggle the backlight on or off.** The button has no other functions, and does not affect the menus on the display.
- **No serial commands exist for the backlight**, and no serial commands have been changed.
- **The light remains on until switched off with the button.** There is no timer or “auto-off” feature for the backlight.
- **The brightness is not adjustable.** But the contrast level of the LCD’s text is still adjustable through the display menu.

**Will the backlight display cause interference or affect emissions?**

- No new testing for emissions or interference are called for.

**Can I update my existing instruments to backlit displays?**

- In most cases, yes.

If you'd like to see if your instrument is compatible with backlit LCDs, send an RMA request through our online [service request](#) form and specify that you are interested in the refitting, or call our applications engineers (520-290-6060).

Be sure to have your instruments' serial numbers ready, to help us look up compatibility.

**Except as noted above, there are no other changes to Form, Fit, or Function as a result of this backlit LCD hardware change.**