

TECHNICAL DATA

Fluke 180LR and Fluke 180LG Laser Level Detector Systems





Key features

- Rugged design withstands rough handling on the job site; drop tested at 1 meter
- Self-leveling, horizontal- and vertical-cross line laser level for rapid, accurate leveling and layout
- Accurate to 3 mm at 10 meters (1/8 inch at 32.8 feet)
- One button operation to toggle to different presets
- Includes magnetic wall bracket for easy, stable mounting
- Green laser for improved visibility. Up to 3 times brighter, and suited for long range applications (Fluke-180LG only)

Laser detectors

- Laser line detector for use in high ambient light settings
- Visual and audible indicators for ease of use
- Rugged design withstands rough handling on the job site; drop tested at 1 meter
- Includes mounting bracket for quick, steady positioning

Product overview: Fluke 180LR and Fluke 180LG Laser Level Detector Systems

Fluke laser level systems include a portable laser detector for use in high ambient light situations. They not only show bright, crisp plumb and level lines across a 180-degree field of view, they are built with the ruggedness you'd expect from every Fluke tool. Designed and tested to survive a one-meter drop, you can rely on your Fluke laser level every time you reach for it.

These professional-grade tools project level lines, plumb lines, a combination of level and plumb, as well as lines which can be projected at any angle. Fluke line laser levels are accurate to 3 mm at 10 meters (1/8 inch accuracy at 32.8 feet). The fast settling, self-leveling gimbal quickly gives you accurate reference lines; long and tedious layouts will become a thing of past.

Fluke LDR and Fluke LDG Laser Line Detectors work with Fluke 2-line laser levels to provide fast, accurate detection of plum and level lines in high ambient light situations. They offer both visual and audible indicators to help you accurately find your laser lines. A mounting bracket is included for fast, stable temporary installation.

Specifications: Fluke 180LR and Fluke 180LG Laser Level Detector Systems

| Specifications | | |
|------------------------|---------------------------|---|
| Light source | Semiconductor laser diode | |
| Leveling range | ±6° | |
| Leveling | Automatic | |
| Working range | ±60 m | |
| Accuracy | ±3 mm @ 10 m | |
| Baeries | 3 x AA Alkaline IEC LR6 | |
| Baery life | Red | ±35 hrs, continuous use with single beam |
| | Green | 2 hrs to 6 hrs, continuous use with single beam |
| Dimensions (H x W x L) | 93 x 61 x 93 mm | |

| | | |
|-----------------------|-----------|--|
| Weight (with baeries) | | 0.50 kg |
| Temperature | Operating | -18 °C to +50 °C |
| | Storage | -40 °C to +70 °C With baeries: -20 °C to +50 °C |
| Relative humidity | | 25% to 80% (10 °C to 30 °C) |
| Operating altitude | | 2000 m |
| Storage altitude | | 12000 m |
| Safety | | |
| General | | IEC 61010-1: Pollution Degree 2 |
| Laser | | IEC/EN 60825-1:2014 Class 2 |
| Max output power | | <3 mW |
| Wavelength | | Red: 635 nm Green: 510 nm |

Ordering information



Fluke-180LG

Includes:

- Green 2-line laser level
 - Carrying pouch
 - Wall bracket
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Fluke-180LR

Includes:

- Red 2-line laser level
 - Carrying pouch
 - Wall bracket
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04/2025

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