



# Laser Plummet

## FG-LL30+ Series



FG-LL30+  
Lotlaser  
Laser Plummet

### ~Main Features~

- ☆ Range of up to 200m with laser class 2 (up to 500m with laser class 3R)
- ☆ Accuracy of  $\pm 5\text{mm}$  at 100m
- ☆ Beam diameter of 15mm at 100m



- ☆ Optional accessories for holding the instrument (facing up or down)
- ☆ 60 hours of continuous operation (for FG-LL30+/32+) and 45 hours continuous operation (for FG-LL31+/33+) with a built-in battery
- ☆ Automatic laser cut-out as a precautionary measure in the event of a jerky movement
- ☆ Protection class of IP67

### ~Standard Accessories~

- Laser Plummet (FG-LL30+ Series)
- Battery Charger (LG-80)
- Target Plate (Red)
- Carrying Case

### ~Product Lineup~

- FG-LL30+/31+ Laser in the zenith direction
- FG-LL32+/33+ Laser in the nadir direction

# Laser Plummet *FG-LL30+ Series*

## Specifications



- Laser class:
  - LL30+/32+ : 2, output < 1mW
  - LL31+/33+ : 3R, output < 5mW
- Laser: Diode, visible red, 635nm
- Beam diameter:
  - On exit: 13mm
  - At 100m: 15mm
- Range:
  - LL30+/32+ : up to 200m
  - LL31+/33+ : up to 500m
- Operating time (with Li-ion battery):
  - FG-LL30+/32+ : 60 hours
  - FG-LL31+/33+ : 45 hours
- Accuracy:  $\pm 5\text{mm}/100\text{m}$
- Operating temperature range:  
-10°C ... +50°C
- Weight: 3.4Kg



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