

# Rotating & Line Laser<br>FL 1000

State-of-the-art.

A new generation of multi-functional laser that redefines innovation. All the jobs you did in the past with two or three instruments can now be performed with the FL 1000. Designed to be simple to use, even complex surveying tasks can be achieved efficiently and cost effectively.

FL 1000 the ultimate tool for interior construction! Integrates all the advantages of line lasers and rotating lasers into one instrument. A two speed rotating laser, four vertical lines at 90° to each other, laser cross to the ceiling, plumb down beam to the floor, used as clearly visible line laser or in pluse mode. With a 360° adjustable circle, the rotating laser has an automatic TILT function, manual slope setting on two axes and a scanning function.

Even for the most complicated and specialised applications. The whole laser plane can, for example, be tilted manually if the object to be measured does not stand level – such as in the interior construction of ships.

The FR 10 receiver allows you to detect either the rotating beam or the laser lines (in normal or pulse mode) with the one device.



- Electronic self-levelling
- Horizontal visible rotating laser beam
- 4 vertical laser lines at 90° to each other
- Laser cross to the ceiling
- Plumb down beam
- Tilt-function, slope setting
- Combi-receiver for rotating and line beams
- Remote control
- Adjustable 360° circle
- Slow motion screw
- Automatic shut-off/audible alarm when out of level
- Integrated floor tripod 5/8" thread for builders tripod

## TECHNICAL DATA

Self-levelling range	± 5°
Power supply	NiMH/Alkaline battery
Operating time	10 h
Charger / power supply	yes
Laser diode/Laser class	635 nm/3R
Temperature range	-10°C - 40°C
Weight	2,85 kg
Dust/water protection	IP 54
Rotating laser	
Accuracy	± 1 mm/10 m
Gradual slope setting X+Y Axis	± 5° (± 9%)
TILT-Alarm function	yes
Working range without receiver Ø	40 m*
Working range with receiver Ø	200 m
Scanning w/o receiver	35 m*
Scanning range	10 / 30 / 60°
Rotating speed rpm	200, 500
Line laser	
Accuracy	± 2 mm/10 m
Working range without receiver	20 m
Working range with receiver	60 m

\*depending on room illumination

**SUPPLIED WITH**

Combi receiver FR 10, rechargeable batteries, power supply, magnetic target, laser intensive glasses, remote control, hard case



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