

Leica Rugby 880 & 870

Ultimate grade reliability and accuracy



The professional, fully automatic grade lasers you can always trust

The new Leica Rugby 880 and 870 grade lasers extend the rugged Leica Rugby 800 series to provide contractors with the ultimate grade reliability and accuracy. The Rugby 880 and 870 are the only grade lasers in the market that guarantee continuous high laser accuracy, even under harsh site conditions. Carry out slope works efficiently with the intuitive interface and large display. For increased productivity use the axis alignment and smart targeting functions – let the laser do the job for you!

Featured with:

- Single (Rugby 870) and dual (Rugby 880) grade capability
- Large display and intuitive user interface
- Axis Alignment function for automatic alignment of laser axes
- Smart Targeting function for easy slope matching
- Smart Lock function for keeping the laser on grade
- Automated Calibration – unique and simple calibration system
- IP68/MIL-STD 810G water and dust protection
- Long-lasting and quickly-charging Li-Ion battery
- Official ISO calibration certificate included in the package
- 5 year No Cost period* and 2 year Knockdown warranty

* Available for free through online registration within 8 weeks from the purchase date.

- when it has to be **right**

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Reliability anytime

The Leica Rugby 880 and 870 guarantee continuous high laser accuracy, even under harsh site conditions. Each laser has been tested according to the standard for continuous accuracy and is delivered with the official calibration certificate.



Efficient grade setup

Get right to work with the Leica Rugby 880 and 870 lasers. Intuitive interface and large display give you confidence that the dial-in grades are as quick and mistake-free, as are your slope applications. Save time on preparation and setup!



Application flexibility

Increase your productivity and application flexibility with the versatile remote control RC800. Where more accurate setups are necessary, the axis alignment function automatically aligns laser axes to the position of grade stakes.



Lowest cost of ownership

PROTECT by Leica Geosystems includes a Lifetime Manufacturer's Warranty, a 5 year No Cost period and a 2 year Knockdown Warranty for Leica Rugby 870 and 880. Both lasers are sealed to the IP68 MIL-STD specifications and are delivered with a long-lasting Li-Ion battery.



Leica Rugby 880/870

Typical scope of delivery

- Leica Rugby 880/870
- Rod Eye receiver (140, 160, 180)
- RC 800 remote control (optional)
- Li-ion battery and a charger
- Carrying case with a case sleeve
- Calibration Certificate Blue
- PROTECT by Leica Geosystems card
- User manual and safety instructions
- Quick Start Guide

Technical Data Rugby 880

Self-levelling	Horizontal / Vertical
Grade capability	± 15% in either axis ± 10% and ± 3% in both axes
Self-levelling accuracy	± 1.5 mm at 30 m
Operating range Ø	1,100 m
Remote range Ø	600 m
Self-levelling range	± 6°
Rotation speed	5, 10 rps
Laser class	Visible / 635 nm, Class 1
Environmental standard	IP68 / MIL Standard 810G
Batteries alkaline/Li-ion	60h/ 40h @ 20°C

Technical Data Rugby 870

Self-levelling	Horizontal
Grade capability	± 15%
Self-levelling accuracy	± 1.5 mm at 30 m
Operating range Ø	1,100 m
Remote range Ø	600 m
Self-levelling range	± 6°
Rotation speed	5, 10 rps
Laser class	Visible / 635 nm, Class 1
Environmental standard	IP68 / MIL Standard 810G
Batteries alkaline/Li-ion	60h/ 40h @ 20°C

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Dealer Stamp



Laser class 1
in accordance with IEC 60825-1
(2014-05)



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