

Measurement Made Easy



ROTATING LASER LEVEL

NE-1L



The **NE-1L Rotating Laser Level** is our most advanced electronic laser level in the Datum laser range, capable of self-levelling in either horizontal, vertical or plumb making the NE-1L one of the easiest on the market to use.

Designed with the user and simplicity in mind, this laser's internal electronics makes light work of the most complex tasks, with the press of one button the laser levels in both X and Y axis, fast and efficiently and is ready to work in under 10 seconds. Fitted with the latest red diode technology the NE-1L displays an incredibly sharp, bright red laser line required when using in indoor applications such as suspended ceilings, curtain & dry walling, partitioning and flooring applications.

With accurate and pin sharp 90° reference beam to the vertical line is ideal for corner and 90° setting out applications, with the laser in manual mode the NE-1L can simply and quickly set out slopes for any application. Slope matching ensures easy grade setting, using the arrows on the keyboard or remote control, the user can instantly match the detector's elevation thus setting out your chosen single slope Datum line to match that of the working environment.

Unlike pendulum type compensators, the NE-1L has no need for levelling bubbles as the electronic self-levelling mechanism offers a far more stable laser even when job sites are subject to conditions of substantial vibration. One simple press of the tilt button the laser will now automatically stop rotating to warn the user that the laser has been knocked or moved.

With IPX66 Protection the NE-1L is total dust ingress protected and also protected from high pressure water jets from any direction, allowing the user to continue working in adverse weather conditions or environmental conditions.



Datum

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SPECIFICATION

Laser Beams	Horizontal, Vertical & Plumb Up
Horizontal Beam Accuracy	±1.5mm / 30m
Vertical Beam Accuracy	±3mm / 30m
Vertical Plumb Beam Accuracy	±3mm / 30m
Manual Slope Range	±10%
Scan Fan Range	15°, 30° & 60°
Working Range	300m With Detector
Rotation Speeds	600 / 300 / 150 / 0 rpm
Laser Class	Class II
Waterproofing	IP66
Operating Time	50 Hours
Charging Time	8 Hours
Power Supply	Rechargeable Li-Ion Battery Pack
Bluetooth Control Enabled	Smart Tool App for both IOS and Android Systems
Fixing Thread	5 / 8" Screw Thread
Warranty	5 Year RTB Warranty (Instrument Registration Required)

WHAT'S IN THE BOX

- Datum NE-1L Rotating Laser Level
- Battery Charging Unit 240v
- Adjustable Wall Mount
- Detector Clamp
- Carry Case
- Li-Ion Battery Pack
- Magnetic Ceiling Target
- DLD300 Digital Detector
- Remote Control Unit
- Dry Cell Battery Tray
- User Manual



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