

Fully Automatic Rotary-Laser RL-2120

High-tech made easy: simply set up, switch on and measure

The automatic rotary laser type RL-2120 is an all-round laser for horizontal and vertical use capable of electronic self-levelling over three axes. Thanks to a beam splitting prism in the rotor head, it can also be used as right-angle and vertical laser. It emits a stationary or rotating laser beam, which becomes a light plane. It was specially developed for interior works but is also suitable for many other tasks.



Fully automatic laser
With pioneering automatic horizontal und vertical function.

Rotor speed
Progressively adjustable from 0 – 700 rpm.

Automatic function can be switched off
Therefore inclination adjustment by points of reference possible.

Increased safety
Control lamp with blinking warning system for levelling, operating status and undervoltage.

Robust metal housing
Plastic-coated, flushed and filled with nitrogen, 100% watertight

Easy-to-use keyboard
Clear layout, big, user-friendly, self-explanatory keyboard.

Special laser beam quality
Diode laser with bright, clearly visible beam, high life expectancy and low power consumption.

Built-in rechargeable battery
Cable-free laser operation, for independence from external power sources. Recharged in 3 1/2 hours.
Special feature: protection against discharging by automatic transport cut-out.

Mains operation
Direct connection to 230 V/50 Hz via charging device with simultaneous charging of the batteries or via power unit NE-05.

Outstanding technical specifications
Laser type:diode laser with visible beam in red, 635 nm
Laser class:2 according to DIN EN 60825-1 / IEC 825-1
Output rotating beam:≤ 1 mW
Output vertical beam:≤ 1 mW
Power supply:5 V DC / 0.2 A
Operating time of built-in rechargeable battery:up to 15 hours
Charging time of built-in rechargeable battery: ..approx. 3 1/2 hours
Reverse voltage protection:yes
Undervoltage cut-out:yes

Automatic function:horizontal and vertical
Disabling of automatic function possible:yes
Self-levelling range:± 5%
Permissible deviation:± 0.005%
Rotor speed:0 – 700 rpm

Watertight:0.35 bar
Temperature range:-20°C to +50°C
Weight:approx. 3.1 kg
Adjustment: ..possible in the field, opening of device not required
Guarantee:12 months

GEO Quality Guarantee
The new generation of lasers is the result of years of experience in the research, development and production of laser devices for the construction industry.
The construction of the devices, the materials used as well as the GEO quality assurance system guarantee high functionality and life expectancy.

From:

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