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Ротационный лазер Primus2 HVA2N

Rotating laser PRIMUS² HVA2N

The fully automatic horizontal/vertical dual slope laser with AutoAlign function and tilt monitoring.
The all-rounder for professionals.



Features:

- Fully automatic rotating laser for horizontal and vertical applications
- Direct grade entry for the x and y axis
- Tilt control: the position of the laser is continuously monitored in the tilt mode
- AutoAlign function: automatic alignment of the laser beam to the zero mark of the laser receiver
- Robust motor-powered levelling
- Large, clear display showing inclination, rotation speed, battery level, etc.
- Automatic level control stops the laser if it receives a heavy jolt. In this way, height errors are avoided.
- Vertical alignment aid: In vertical operation the laser can be exactly aligned with the help of a laser line
- High-Power laser diode, laser class 3R, for highly visible laser beam and easy work at the close range
- Alternatively available with laser class 2 with Bright Beam Technology™
- Scan function and dot mode
- Upward plumb beam
- Rotor protection made of break-proof glass
- Highly accurate even under toughest conditions
- Radio remote control for a convenient handling



Applications:

Use of batter boards, elevation control, depth control for excavations, rough and fine grading, setting foundations, machine automation, bricklaying, laying screed, concrete forming, setting reference markers, drywall installation, landscaping, ceiling construction, facade construction

For horizontal use and for slopes in one or two axes



AutoAlign function:

At the push of a button, the laser level automatically aligns with the laser receiver COMMANDER² HVA2N. Ideal when batter boards are used.

Technical data laser:

Levelling accuracy	± 0.5 mm/10 m
Self-levelling range	± 5° motor-powered, with automatic level control
Accuracy of the slope function	± 0.015%
Setting of slopes in two axes	± 10%, direct entry
Working range Ø	approx. 700 m with receiver COMMANDER ² HVA2N
Laser	< 5 mW, laser class 3R, 635 nm or < 1mW, laser class 2, 635 nm
Working range radio remote control	approx. 150 m
Working range AutoAlign	approx. 50 m
Rotating speed	10, 60, 300 and 600 rpm
Scanning angle	0°, 5°, 10° und 15°
Protection class	IP 66
Power supply	rechargeable batteries NiMH 4.8 V, 8500 mAh
Operation duration	approx. 100 h
Connecting thread	5/8"

Technical data multi function module COMMANDER² HVA2N:

Accuracy	switchable, ± 0.5 mm, ± 1.0 mm, ± 2.0 mm, ± 4.0 mm
Power supply	3 x 1.5 V batteries (AA) or rechargeable batteries (NiMH)
Length of detector field	70 mm
Operating temperature	-20°C to +50°C
Display	LCD display on front and back
Protection class	IP 66

Order information:

Ref.-No.

PRIMUS² HVA2N

472 061

Incl. transport case, magnetic target board, multi function module
COMMANDER² HVA2N, Heavy-Duty rod clamp, rechargeable batteries
and charger

Version in laser class 2

472 061-632

Optional accessory:

Ref.-No.

Telescopic sight

461 096

Outdoor package

200 350

Aluminium tripod, working range 1.08 m to 1.72 m
Flexi Rod with universal adapter and carrying bag

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