

PRIMUS²

The new-generation of fully automatic rotating lasers for professionals



PRIMUS² H

fully automatic horizontal rotating laser



PRIMUS² H2N

fully automatic dual slope laser



PRIMUS² HV

fully automatic horizontal and vertical laser



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Precise surveying
and measuring



Nedo **PRIMUS²** is the new series of fully automatic rotating lasers for professionals. Ideal for levelling, aligning and grade control. Reliable and rugged for tough construction jobs. Uncompromising quality for professionals. The High-Power laser diode with laser class 3R ensures clear beam visibility even under poor lighting conditions. The **PRIMUS²** series sets a new standard for fully automatic rotating lasers.

PRIMUS²

The new standard for fully automatic rotating lasers



The standard for accuracy

Many rotating lasers are accurate – but unfortunately only on paper. The rotating lasers of the **PRIMUS²** series are highly accurate under all operating conditions: In driving rain, in freezing cold or in blazing heat. Whenever you need the very best.



The standard for ruggedness

Thanks to their innovative shock protection system, the new rotating lasers of the **PRIMUS²** series can easily withstand a fall from a height of 1 m. The thick lining and rotor protection provide additional safety.



The standard for reliability

You are a professional, and you work like one! You have to be able to rely on your equipment. In dust, rain and cold. And when you are facing a deadline.

The rotating lasers of the **PRIMUS²** series are waterproof and dustproof to IP 66 and perform reliably even under harsh conditions. **PRIMUS²** lasers can even be hosed down and cleaned after use.



The standard for long life

High-Power, rechargeable NiMH batteries with Eneloop™ technology ensure a long operating life of more than 100 hours, with minimal self-discharging. The intelligent power compartment permits quick changing between battery and rechargeable battery operation.



The standard for easy operation

Are you tired of over-complicated handling?

Then you will be delighted by the simple, intuitive operation of the new **PRIMUS²** rotating lasers. The LCD display shows the operating state, rotation speed and battery level. And in the **PRIMUS² H2N** it also clearly gives you the inclination on the X and Y axes.

PRIMUS²
carefree
package

Included as standard:

PRIMUS² carefree package with

- 3-year warranty
- Free annual check during the warranty period



Rotating laser PRIMUS² H

The fully automatic horizontal rotating laser for professionals



Optional accessory:
Outdoor package
Ref.-No. 200 350

Features:

- Fully automatic rotating laser for horizontal applications
- Robust, motor-powered levelling
- Highly visible, powerful laser beam, laser class 3R, for easy work at close range
- Automatic level control stops the laser if it receives a heavy jolt. In this way, height errors are avoided.
- Extremely easy to use
- Carefree package with 3-year warranty and free annual check during the warranty period



Applications:

Elevation control, depth control for excavations, rough and fine grading, setting foundations, concrete forming, brick laying, laying screed, setting reference markers, machine automation, land scaping

Specifications PRIMUS² H:

Self-levelling range	± 5° motor-powered, with automatic level control
Levelling accuracy	± 1.5 mm/30 m
Laser type	< 5 mW, laser class 3R, 635 nm
Operation duration	approx. 100 h with rechargeable batteries, approx. 120 h with batteries
Weight	3.6 kg
Dimensions (W/D/H)	215 x 208 x 185 mm
Operating temperature	- 20°C to + 50°C
Working range with receiver ACCEPTOR ¹	Ø 400 m
Rotating speed	600 rpm
Protection class	IP 66

Specifications receiver ACCEPTOR¹:

Sensitivity coarse/fine	switchable, ± 3,0 mm / ± 1,5 mm
Power supply	9 V battery
Length of detector field	40 mm
Signal	acoustic, 3 levels
Display	LCD display on front and back
Protection class	IP 65

PRIMUS² H

Incl. transport case,
laser receiver ACCEPTOR¹,
rod clamp

With batteries	Ref.-No. 472 010
With rechargeable batteries, charger	Ref.-No. 472 020

Optional accessory:

Outdoor package	Ref.-No 200 350
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Rotating laser PRIMUS² H2N

Fully automatic dual slope laser for professionals



3R
High Power



± 1,5 mm/
30 m



1 mm



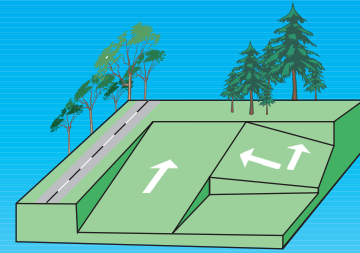
IP 66



100 h



Value package
incl. receiver **ACCEPTOR¹**



For horizontal use and for
slopes in one or two axes



Optional accessory:
Telescopic sight
Ref.-No. 461 096

Features:

- Fully automatic dual slope laser
- Robust, motor-powered levelling
- Direct grade entry for the x and y axes
- Large, clear display showing inclination, rotation speed, battery level, etc.
- Highly visible, powerful laser beam, laser class 3R, for easy work at close range
- Automatic level control stops the laser if it receives a heavy jolt. In this way, height errors are avoided
- Carefree package with 3-year warranty and free annual check during the warranty period



Applications:

Elevation control, depth control for excavations, rough and fine grading, setting foundations, concrete forming, bricklaying, laying screed, setting reference markers, machine automation, landscaping, checking of inclinations

Specifications PRIMUS² H2N:

Self-levelling range	± 5° motor-powered, with automatic level control
Levelling accuracy	± 1.5 mm/30 m
Setting of slopes in two axes	± 10%, direct entry
Laser type	< 5 mW, laser class 3R, 635 nm
Operation duration	approx. 100 h with rechargeable batteries, approx. 120 h with batteries
Weight	3.6 kg
Dimensions (W/D/H)	215 x 208 x 200 mm
Operating temperature	- 20°C to + 50°C
Working range with receiver ACCEPTOR ¹	Ø 400 m
Rotating speed	600 rpm
Protection class	IP 66

Specifications receiver ACCEPTOR¹:

Sensitivity coarse/fine	switchable, ± 3,0 mm / ± 1,5 mm
Power supply	9 V battery
Length of detector field	40 mm
Signal	acoustic, 3 levels
Display	LCD display on front and back
Protection class	IP 65

PRIMUS² H2N Basic package

Incl. transport case, rechargeable batteries and charger
Ref.-No. 472 030

PRIMUS² H2N Value package

Incl. transport case, laser receiver ACCEPTOR¹, rod clamp, rechargeable batteries and charger
Ref.-No. 472 031

Optional accessory:

Telescopic sight	Ref.-No. 461 096
Outdoor package	Ref.-No. 200 350



Rotating laser PRIMUS² HV

Fully automatic horizontal and vertical rotating laser for professionals



Value package



Optional accessory:
Indoor package
Ref.-No. 210 350

Features:

- Fully automatic rotating laser for horizontal and vertical applications
- Robust motor-powered levelling
- Highly visible, powerful laser beam, laser class 3R, for easy work at close range
- Automatic level control stops the laser if it receives a heavy jolt. In this way, height errors are avoided.
- Manual setting of slopes in 2 axis
- Scan function and dot mode
- Upward plumb beam
- Carefree package with 3-year warranty and free annual check during the warranty period



Applications:

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

Specifications PRIMUS² HV:

Self-levelling range	± 5° motor-powered, with automatic level control
Levelling accuracy	± 1.5 mm/30 m
Setting of slopes in two axis	manual
Laser type	< 5 mW, laser class 3R, 635 nm
Operation duration	approx. 100 h with rechargeable batteries, approx. 120 h with batteries
Weight	3.6 kg
Dimensions (W/D/H)	215 x 208 x 200 mm
Operating temperature	- 20°C to + 50°C
Working range with receiver ACCEPTOR ¹	Ø 300 m
Rotating speed	10, 60, 300, 600 rpm
Protection class	IP 66

PRIMUS² HV Basic package

Incl. transport case, magnetic target board and remote control

With batteries **Ref.-No. 472 040**

With rechargeable batteries, charger **Ref.-No. 472 050**

PRIMUS² HV Value package

Incl. transport case, magnetic target board, remote control, laser receiver ACCEPTOR¹ and rod clamp

With batteries **Ref.-No. 472 041**

With rechargeable batteries, charger **Ref.-No. 472 051**

Optional accessory:

Indoor package **Ref.-No. 210 350**

Product overview PRIMUS²

	PRIMUS² H	PRIMUS² H2N Basic package	PRIMUS² H2N Value package	PRIMUS² HV Basic package	PRIMUS² HV Value package
Laser class	3R	3R	3R	3R	3R
Accuracy	± 1.5 mm/30 m	± 1.5 mm/30 m	± 1.5 mm/30 m	± 1.5 mm/30 m	± 1.5 mm/30 m
Setting of slopes in two axes	-	± 10%, direct entry	± 10%, direct entry	manual	manual
Working range with ACCEPTOR ¹	Ø 400 m	Ø 400 m	Ø 400 m	Ø 300 m	Ø 300 m
Protection class	IP 66	IP 66	IP 66	IP 66	IP 66
With rechargeable batteries	100 h	100 h	100 h	100 h	100 h
With batteries	120 h	120 h	120 h	120 h	120 h
Self-levelling range	± 5°	± 5°	± 5°	± 5°	± 5°
Automatic level monitoring	yes	yes	yes	yes	yes
LCD display	yes	yes	yes	yes	yes
Scan function	-	-	-	yes	yes
Plumb beam	-	-	-	yes	yes
Remote control	-	-	-	yes	yes
Receiver ACCEPTOR ¹	yes	-	yes	-	yes
Magnetic target board	-	-	-	yes	yes
Carefree package with 3-year warranty	yes	yes	yes	yes	yes
Ref.-No.					
With batteries	472 010	-	-	472 040	472 041
With rechargeable batteries	472 020	472 030	472 031	472 050	472 051

We reserve the right to make technical changes.

Optional accessory



Outdoor package

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

Ref.-No. 200 350



Supplementary rechargeable battery
set with charger
Ref.-No. 461 098



Indoor package

- Elevating tripod
0.80 - 2.76 m working range
- Flexi-Rod with universal
adapter and carrying bag

Ref.-No. 210 350



Battery compartment without batteries
Ref.-No. 461 097



®

Precise surveying and measuring

Nedo GmbH & Co. KG

Hochgerichtstrasse 39-43 · D-72280 Dornstetten

Germany

Phone +49/74 43/24 01-0 · Fax +49/74 43/24 01-45

www.nedo.com · info@nedo.com