



Precise surveying and measuring



Nedo SIRIUS 1

Fully automatic rotating lasers for the clever craftsman



**NEDO SIRIUS 1
SERIES**

SIRIUS 1 HV is now available with laser receiver ACCEPTOR MAXX.
New, digital laser receiver with mm display and extra-large 120mm detector field. Large illuminated LC displays on front and back, bright LEDs, visible from front and side and Heavy-Duty rod clamp.



Scope of delivery **SIRIUS 1 HV**:
Rotating laser **SIRIUS 1 HV**, laser receiver **ACCEPTOR MAXXX** with mm display and Heavy-Duty rod clamp, rechargeable batteries, charger, remote control and case
Ref.-No. 471 946

SIRIUS 1 HV Set 1 inclusive:

- **SIRIUS 1 HV** (Ref.-No. 471 945)
- Elevating tripod, (Ref.-No. 210 621) working range 0.80 m to 2.76 m
- Flexi Rod with universal adapter and carrying bag

Ref.-No. 471 947

SIRIUS 1 HV Set 2 inclusive:

- **SIRIUS 1 HV** (Ref.-No. 471 945)
- Elevating tripod, (Ref.-No. 210 616) working range 0.78 m to 2.03 m
- Flexi Rod with universal adapter and carrying bag

Ref.-No. 471 948

Scope of delivery **SIRIUS 1 HV Set 3**:

Rotating laser **SIRIUS 1 HV**, laser receiver **ACCEPTOR MAXXX** with mm display and Heavy-Duty rod clamp, target board, wall mount, vertical mount, rechargeable batteries, charger, remote control and case
Ref.-No. 471 949

Nedo SIRIUS 1 HV

The fully automatic horizontal/vertical rotating laser for clever craftsmen. It is ideal for levelling and aligning in interior outfitting and construction.

SIRIUS 1 HV combines optimum functionality, a full range of features and an attractive price-performance ratio.

Features:

- Fully automatic horizontal/vertical laser for interior outfitting and exterior applications
- High-power laser diode (laser class 3R) for very good laser beam visibility
- Alternatively available with laser class 2
- Automatic level control stops the laser if it receives a heavy jolt. In this way, height errors are avoided.
- Upward and downward plumb beam
- Manual setting of slopes in 2 axes
- Scanning function and dot mode
- Rugged housing protected against low pressure jet water in accordance with IP 65
- Rotor protection made of cast aluminium and break-proof glass
- High-power NiMH rechargeable batteries for long operation
- Remote control for a convenient handling

Ideal for use on every construction site. Perfect for levelling in applications such as:

- Casting concrete floors
- Metre marking in interior work
- Dry wall construction
- Use of batter boards
- Laying screed
- Masonry and excavation work
- Landscaping
- Interior construction

Nedo SIRIUS 1 HV

Technical data:	
Levelling accuracy	± 1 mm/10 m
Self-levelling range	± 5° motor-powered, with automatic level control
Working range Ø	approx. 300 m with receiver
Laser	< 5 mW, laser class 3R, 635 nm or < 1 mW laser class 2, 635 nm
Rotating speed	0, 60, 120, 300 and 600 rpm
Scanning angle	0°, 6°, 20°, 50° and 90°
Protection class	IP 65
Power supply	NiMH rechargeable batteries 4.8 V, 3800 mAh
Operation duration	approx. 30 h
Connecting thread	5/8"

Green laser lines are four times as visible to the human eye as red lines. Owing to the excellent visibility of its green laser line, the Nedo **SIRIUS 1 HV green** rotating laser has a much bigger working range in which a laser receiver is not needed. Thanks to innovative laser technology, the laser in the **SIRIUS 1 HV green** does not have the operating temperature disadvantages that used to be typical of green lasers. The Nedo **SIRIUS 1 HV green** rotating laser can thus operate in the same temperature range as the **SIRIUS 1 HV** with red laser diodes.

The Nedo **SIRIUS 1 HV green** can be supplied with a class 2 or class 3R laser.



**Operating temperature
-20°C to +50°C**

Nedo SIRIUS 1 HV green

	Ref.-No. laser class 3R	Ref.-No. laser class 2
SIRIUS 1 HV green Incl. laser receiver ACCEPTOR green with rod clamp, remote control, rechargeable batteries, charger and case	471 950	471 950-632
SIRIUS 1 HV green Set 1 Incl. laser receiver ACCEPTOR green with rod clamp, remote control, rechargeable batteries, charger, case, elevating tripod (Ref.-No. 210 621), Flexi Rod with universal adapter and carrying bag	471 951	471 951-632
SIRIUS 1 HV green Set 2 Incl. laser receiver ACCEPTOR green with rod clamp, remote control, rechargeable batteries, charger, target board, wall mount, vertical mount, rechargeable batteries and case	471 952	471 952-632

Calibration certificate for Nedo rotating lasers

Ref.-No.	399 556 calibration certificate for Nedo rotating lasers
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Available with
laser class 3R or 2



Scope of delivery **SIRIUS 1 HV green**:
Rotating laser **SIRIUS 1 HV green**, laser receiver **ACCEPTOR green** with rod clamp, rechargeable batteries, charger, remote control and transport case
Ref.-No. 471 950



SIRIUS 1 HV green Set 1 inclusive:

- **SIRIUS 1 HV green** (Ref.-No. 471 950)
- Elevating tripod, (Ref.-No. 210 621) working range 0.80 m to 2.76 m
- Flexi Rod with universal adapter and carrying bag

Ref.-No. 471 951



Scope of delivery **SIRIUS 1 HV green Set 2**:
Rotating laser **SIRIUS 1 HV green**, laser receiver **ACCEPTOR green** with rod clamp, target board, wall mount, vertical mount, rechargeable batteries, charger, remote control and transport case
Ref.-No. 471 952

Nedo SIRIUS 1 HV green

The green horizontal/vertical rotating laser for optimum visibility in interior finishing.

The green laser beam guarantees optimum visibility, even under unfavourable lighting conditions. It permits working without a laser receiver even in bright daylight, with dark surfaces or over long distances.

Features:

- Fully automatic horizontal/vertical rotating laser for interior finishing and outdoor missions
- Green laser beam with high-power laser diode (laser class 3R) for optimum visibility, even under unfavourable lighting conditions
- Automatic level control stops the laser if it receives a heavy jolt. In this way, height errors are avoided.
- Upward and downward plumb beam
- Manual setting of slopes in 2 axes
- Scanning function and dot mode
- Rugged housing protected against low pressure jet water in accordance with IP 65
- Rotor protection made of cast aluminium and break-proof glass
- High-power NiMH rechargeable batteries for long operation
- Remote control for a convenient handling

Ideal for interior applications. Perfect for levelling and aligning jobs, especially in the following areas:

- Dry wall construction
- Ceiling construction
- Laying screed
- Steel construction
- Interior construction
- Installation of windows
- Installation of doors

Nedo SIRIUS 1 HV green

Technical data:	
Levelling accuracy	± 1 mm/10 m
Self-levelling range	± 5° motor-powered, with automatic level control
Working range Ø	approx. 300 m with receiver
Laser	< 5 mW, laser class 3R, 515 nm or < 1 mW, laser class 2, 515 nm
Operating temperature	-20°C to +50°C
Rotating speed	0, 60, 120, 300 and 600 rpm
Scanning angle	0°, 6°, 20°, 50° and 90°
Protection class	IP 65
Power supply	rechargeable batteries NiMH 4.8 V, 3800 mAh
Operation duration	approx. 15 h
Connecting thread	5/8"



Precise surveying and measuring

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