



Precise surveying and measuring



Nedo SIRIUS 1

Fully automatic rotating lasers for the clever craftsman



**NEDO SIRIUS 1
SERIES**

Thanks to its ingenious seal, the **SIRIUS 1** rotating laser is protected against low pressure jet water in accordance with IP 65 and therefore meets sealing requirements expected of much more expensive rotating lasers. The new rotor protection made of cast aluminium and break-proof glass means the new **SIRIUS 1** is extremely robust.

The ergonomic rubber handle sits well in one's hand.

The **SIRIUS 1 H** and **HV** rotating lasers can optionally be supplied with laser class 2 or 3R.



Nedo SIRIUS 1 H

	Ref.-No. laser class 3R	Ref.-No. laser class 2
SIRIUS 1 H Incl. laser receiver ACCEPTOR 2 digital with mm display and Heavy-Duty rod clamp, rechargeable batteries, charger and case	471 933	471 933-632
SIRIUS 1 H Incl. laser receiver ACCEPTOR MAXX with mm display and Heavy-Duty rod clamp, rechargeable batteries, charger and case	471 934	471 934-632
SIRIUS 1 H Set Incl. laser receiver ACCEPTOR MAXX with mm display and Heavy-Duty rod clamp, rechargeable batteries, charger, case, aluminium tripod (Ref.-No. 200 225), Flexi Rod with universal adapter and carrying bag	471 935	471 935-632

Calibration certificate for Nedo rotating lasers

Ref.-No.	399 556 calibration certificate for Nedo rotating lasers
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SIRIUS 1 H 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 H**:
Rotating laser **SIRIUS 1 H**, laser receiver **ACCEPTOR 2 digital with mm display** and Heavy-Duty rod clamp, rechargeable batteries, charger and case
Ref.-No. 471 933



Scope of delivery **SIRIUS 1 H**:
Rotating laser **SIRIUS 1 H**, laser receiver **ACCEPTOR MAXX** with rod clamp, rechargeable batteries, charger and transport case
Ref.-No. 471 934

**New with
ACCEPTOR MAXX**



SIRIUS 1 H Set inclusive:

- **SIRIUS 1 H** (Ref.-No. 471 934-632)
- Aluminium tripod, (Ref.-No. 200 225) working range 0.91 m to 1.69 m
- Flexi Rod with universal adapter and carrying bag

Ref.-No. 471 935

Nedo SIRIUS 1 H

The fully automatic horizontal rotating laser with Easy Control – the one-pushbutton operation for extremely easy handling.

The rotating laser offers fully automatic self-levelling. The automatic level control stops the laser if it receives a heavy jolt. In this way height errors are avoided. Simply switch it on and off you go!

Features:

- Fully automatic horizontal laser for exterior applications
- Self-levelling range $\pm 5^\circ$ motor-powered, with automatic level control
- High-power laser diode (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.
- 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

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

- Casting concrete floors
- Fine grading
- Metre marking in interior work
- Bricklaying
- Excavation work
- Landscaping

Nedo SIRIUS 1 H

Technical data:	
Levelling accuracy	± 1 mm/10 m
Self-levelling range	$\pm 5^\circ$ motor-powered, with automatic level control
Working range \emptyset	approx. 400 m with receiver
Laser	< 5 mW, laser class 3R, 635 nm or < 1 mW laser class 2, 635 nm
Rotating speed	600 rpm
Protection class	IP 65
Power supply	NiMH rechargeable batteries 4.8 V, 3800 mAh
Operation duration	approx. 30 h
Connecting thread	5/8"

Thanks to its ingenious seal, the **SIRIUS 1** rotating laser is protected against low pressure jet water in accordance with IP 65 and therefore meets sealing requirements expected of much more expensive rotating lasers. The new rotor protection made of cast aluminium and break-proof glass means the new **SIRIUS 1** is extremely robust.

The ergonomic rubber handle sits well in one's hand.

The **SIRIUS 1 H** and **HV** rotating lasers can optionally be supplied with laser class 2 or 3R.



Nedo SIRIUS 1 HV

	Ref.-No. laser class 3R	Ref.-No. laser class 2
SIRIUS 1 HV Incl. laser receiver ACCEPTOR 2 digital with mm display and Heavy-Duty rod clamp, remote control, rechargeable batteries, charger and case	471 945	471 945-632
SIRIUS 1 HV Incl. laser receiver ACCEPTOR MAXX with mm display and Heavy-Duty rod clamp, remote control, rechargeable batteries, charger and case	471 946	471 946-632
SIRIUS 1 HV Set 1 Incl. laser receiver ACCEPTOR MAXX with mm display and Heavy-Duty rod clamp, remote control, rechargeable batteries, charger, case, elevating tripod (Ref.-No. 210 617), Flexi Rod with universal adapter and carrying bag	471 947	471 947-632
SIRIUS 1 HV Set 2 Incl. laser receiver ACCEPTOR MAXX with mm display and Heavy-Duty rod clamp, remote control, rechargeable batteries, charger, case, elevating tripod (Ref.-No. 210 616), Flexi Rod with universal adapter and carrying bag	471 948	471 948-632
SIRIUS 1 HV Set 3 Incl. laser receiver ACCEPTOR MAXX with mm display and Heavy-Duty rod clamp, remote control, target board, wall mount, vertical mount, rechargeable batteries, charger, case	471 949	471 949-632

Calibration certificate for Nedo rotating lasers

Ref.-No.	399 556 calibration certificate for Nedo rotating lasers
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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 MAXX** 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. 471 946)
- Elevating tripod, (Ref.-No. 210 617) working range 0.83 m to 2.72 m
- Flexi Rod with universal adapter and carrying bag

Ref.-No. 471 947

SIRIUS 1 HV Set 2 inclusive:

- **SIRIUS 1 HV** (Ref.-No. 471 946-632)
- 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 MAXX** 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.



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. 210 617), Flexi Rod with universal adapter and carrying bag	471 951	471 951-632
SIRIUS 1 HV Set 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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Laser class
2 or 3R



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. 471 950-632



SIRIUS 1 HV Set 1 inclusive:

- **SIRIUS 1 HV green** (Ref.-No. 471 950)
- Elevating tripod, (Ref.-No. 210 617)
working range 0.83 m to 2.72 m
- Flexi Rod with universal adapter and
carrying bag

Ref.-No. 471 951-632



Scope of delivery **SIRIUS 1 HV green Set 2**:
Rotating laser **SIRIUS 1 H green**, laser receiver
ACCEPTOR green with rod clamp, target
board, wall mount, vertical mount, recharge-
able batteries, charger, remote control and
transport case

Ref.-No. 471 952-632

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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