



Precise surveying and measuring



MEASURING TOOLS

LASERS AND ACCESSORIES

BUILDERS' LEVELS, THEODOLITES AND ACCESSORIES

TRIPODS



NEDO HIGHLIGHTS



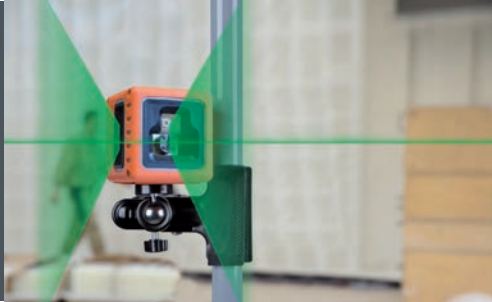
LASERS / ACCESSORIES






Developed by Specialists, Manufactured by Experts, Prized by Construction Professionals.

Nedo offers a unique range of innovative dot, line and rotating lasers for rapid levelling, vertical alignment, plumbing and squaring jobs. Nedo lasers are renowned for their simple, intuitive operation, extremely robust design for use under harsh conditions and high precision. With their ingenious functions and intelligent range of accessories, Nedo laser products are genuine system solutions that open the way to significantly increased productivity in the building trades.





Nedo Dot and Line Lasers at a Glance!

Product	CUBE	CUBE green	X-Liner 5P
Laser configuration			
Laser functionality	Multi-line laser	Multi-line laser	5-beam point laser

Applications:

Dry lining	***	***	**
Interior finishing	**	**	**
Electrical installations	**	**	**
Carpentry	**	**	*
Sanitary installations	**	**	*
Alignment of construction components	**	**	
Tiling	***	***	
Ceiling and steel construction	*	*	
Paintwork	***	***	
Installation of doors and windows	**	**	
Metre marking in interior work	**	**	

360° horizontal line

** good

*** optimal



X-Liner 2

X-Liner 360 2 green

X-Liner 3D green

X-Liner 6 green



Cross line laser

Multi-line laser

Multi-line laser

Multi-line laser

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1 x 360°

1 x 360°

1 x 360°

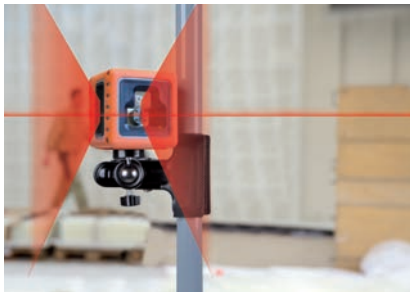
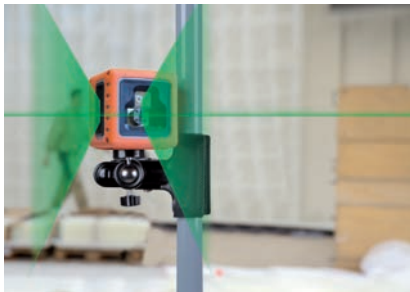
The self-levelling multi-line laser **CUBE** creates a laser cross and an additional vertical laser line at right angles to the laser cross. That makes Nedo **CUBE** perfect not only for fast and easy levelling and aligning, but also for marking off right angles. Thanks to the laser clamp supplied with it, Nedo **CUBE** can be fastened anywhere. The Nedo **CUBE** can be supplied with green laser diodes for maximum visibility or with red laser diodes.

Optional with green or red laser diodes



Nedo CUBE / CUBE green

The universal multi-line laser for the tool box. Small, handy and can be used universally. For levelling, alignment and marking off right angles. Optional with green or red laser diodes.



Features:

- Self-levelling multi-line laser for levelling, alignment and easy squaring jobs in interior work
- Generates one laser cross and an additional vertical 90° laser line
- Highly visible laser lines
- Reliable magnetic damping
- Tilt function
- 1/4" mounting thread
- Practical laser clamp made of metal, incl. ball joint
- Extrem small and handy
- Incl. carrying case and batteries



Scope of delivery **CUBE / CUBE green: CUBE**, tool bracket made of metal, incl. ball joint, batteries and carrying case

Ref.-No. 460 867 (green laser diodes)

Ref.-No. 460 869 (red laser diodes)

Ref.-No.	460 867 (green laser diodes)
Ref.-No.	460 869 (red laser diodes)
Accuracy	± 0.5 mm/m
Self-levelling range	± 4°
Working range	Ø 30 m
Laser	Laser class 2, 532 nm (green laser diodes) Laser class 2, 635 nm (red laser diodes)
Protection class	IP 54
Power supply	3 x 1.5 V (AAA)
Operation duration	approx. 8 h
Dimensions	65 mm x 65 mm x 68 mm
Weight	0.24 kg



Scope of delivery:
X-Liner 5P, universal adapter with 1/4" and 5/8" mounting thread and magnet, fixing straps, target board, batteries and carrying case

Ref.-No. 460 871

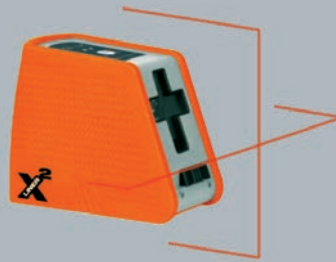
Nedo X-Liner 5P

A self-levelling 5-beam point laser which transmits three horizontal and two vertical laser points: to the front, left, right, up and down. The laser points are arranged in an exact right angle to one another. The horizontal laser points are all at one height. Ideal for rapid horizontal levelling, vertical alignment, plumbing and for marking off right angles jobs.

Features:

- 5 highly visible laser points aligned exactly at right angles
- Reliable self-levelling operation
- Robust pendulum with magnetic damping
- Universal adapter with strong magnet, 1/4" and 5/8" mounting thread

Ref.-No.	460 871
Accuracy	± 0.3 mm/m
Self-levelling range	± 4°
Working range Ø	approx. 30 m
Laser	Laser class 2, 635 nm
Protection class	IP 54
Power supply	2 x 1.5 V type mignon / AA
Operation duration	approx. 33 h
Connecting thread	1/4"



Scope of delivery:
X-Liner 2, universal adapter, ball joint adapter, fixing straps, batteries, target board and carrying case

Ref.-No. 460 870

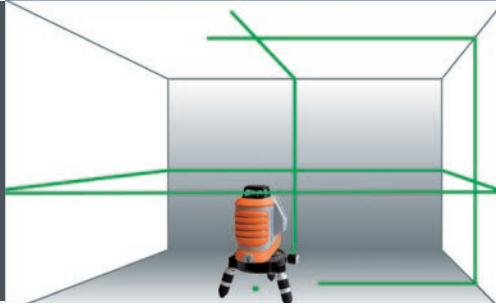
Nedo X-Liner 2

Self-levelling cross line laser with one vertical and one horizontal line. The highly visible laser cross on the wall allows rapid and precise levelling and alignment. Thanks to the pulse function, the **X-Liner 2** can be used with the **ACCEPTOR Line** laser receiver even in adverse light conditions.

Features:

- Self-levelling cross line laser for levelling and alignment
- Highly visible horizontal and vertical laser line, can be activated separately
- Pulse function for use with the **ACCEPTOR Line** laser receiver
- Reliable magnetic damping
- Tilt function
- Universal adapter with strong magnet and 1/4" and 5/8" mounting thread

Ref.-No.	460 870
Accuracy	± 0.3 mm/m
Self-levelling range	± 4°
Working range Ø	approx. 50 m without laser receiver approx. 100 m with laser receiver
Laser	Laser class 2, 635 nm
Protection class	IP 54
Power supply	3 x 1.5 V type mignon / AA
Operation duration	approx. 20 h
Connecting thread	1/4"



Scope of delivery:
X-Liner 360 2 green, removable base with fine adjustment, laser glasses, target board, batteries, adapter with 1/4" and 5/8" connection thread and carrying bag
Ref.-No. 460 875



Optional accessory:
 Laser receiver ACCEPTOR X green
Ref.-No. 430 323

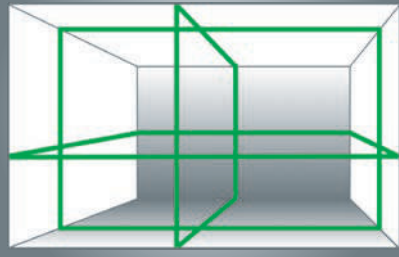
Nedo X-Liner 360 2 green

Self-levelling multi-line laser for levelling, aligning, plumbing and marking off right angles in interior finishing. The green laser lines are particularly easy to see.

Features:

- Self-levelling multi-line laser for levelling, aligning, plumbing and marking off right angles
- Green laser lines for excellent visibility
- Horizontal 360° laser line
- A laser cross on each of two walls
- Laser cross on the ceiling and plumb point on the floor
- Puls mode for operation with optional laser receiver **ACCEPTOR X green**
- The vertical laser lines extend far beyond the intersection point
- Reliable magnetic damping
- Sturdy, compact housing, splashwater protected in accordance with IP 54
- Axis alignment is simple because the vertical laser planes intersect on a line that passes through the pivot point of the tripod and the plumb point
- Removable base with fine adjustment for quick and exact axis alignment
- 1/4" and 5/8" connection thread

Ref.-No.	460 875
Accuracy	± 0.3 mm/m
Self-levelling range	± 3°
Working range Ø	approx. 60 m without receiver approx. 120 m with receiver
Laser	Laser class 2, 532 nm
Protection class	IP 54
Power supply	4 x 1.5 V tipo AA
Operation duration	approx. 8 h
Connecting thread	1/4" and 5/8"



Nedo X-Liner 3D green

Self-levelling multi-line laser with green 3 x 360° laser lines. Green laser lines and robust self-levelling allow for quick and easy levelling, aligning, plumbing and marking off right angles in interior outfitting.

Features:

- Laser cross on 4 walls, floor and ceiling
- Green laser lines for maximum visibility
- Puls mode for operation with optional laser receiver **ACCEPTOR X green**
- Robust design for tough use on construction site
- Sturdy housing, splash-proof as per IP 54
- Reliable self-levelling with magnetic damping
- 1/4" and 5/8" connection thread
- Li-Ion battery pack, charger and extra battery box for 4 x AA 1.5 V batteries
- Height adjustable, multifunctional wall mount



Scope of delivery:
X-Liner 3D green, multifunctional wall mount, laser glasses, target board, battery box, rechargeable batteries, charger and transport case
Ref.-No. 460 876



Optional accessory:
 Laser receiver **ACCEPTOR X green**
Ref.-No. 430 323

Ref.-No.	460 876
Accuracy	± 0.3 mm/m
Self-levelling range	± 3°
Working range Ø	approx. 50 m without laser receiver approx. 120 m with laser receiver
Laser	laser class 2, 515 nm
Protection class	IP 54
Power supply	Li-Ion rechargeable batteries 7,4 V 2600 mAh or 4 x 1,5 V type AA
Operation duration	up to 25 h
Connecting thread	1/4" and 5/8"



Scope of delivery:

X-Liner 6 green, removable tripod with fine adjustment, laser glasses, target board, rechargeable batteries, charger, extra battery box and transport case

Ref.-No. 460 877



Optional accessory:
Laser receiver ACCEPTOR X green
Ref.-No. 430 323

Nedo X-Liner 6 green

The highly visible green laser lines and robust self-levelling mechanism allow quick levelling, aligning, plumbing and marking off right angles in interior work.

The symmetrical design, integrated fine adjustment and plumb beam ensure quick set up and alignment of the vertical laser lines.

Features:

- Laser cross on four walls
- Laser cross on the ceiling and plumb point on the floor
- Green laser lines for excellent visibility
- Axis alignment is simple because the vertical laser planes intersect on a line that passes through the pivot point of the tripod and the plumb point
- Pulse mode for use of the optional **Acceptor X green** laser receiver
- Rugged design for tough jobs on construction sites
- The fine adjustment is integrated into the base of the housing, allowing it to be used even when removed from the tribrach, for example when mounted on a tripod
- Reliable self-levelling mechanism with magnetic damping

Ref.-No.	460 877
Accuracy	± 0.3 mm/m
Self-levelling range	± 3°
Working range Ø	approx. 50 m without receiver approx. 120 m with receiver
Laser	Laser class 2, 515 nm, 1 mW
Protection class	IP 54
Power supply	Li-Ion rechargeable batteries 7,4 V, 2600 mAh or 4 x 1,5 V type AA
Operation duration	up to 25 h (depending on operating mode)
Connecting thread	5/8"

Nedo Monopod

Sturdy monopod for holding line and rotating lasers, especially in tight spaces. The monopod is clamped between the floor and the ceiling. Suitable for rooms up to 3.40 m in height. Comes with a sturdy laser adapter that is fixed to the monopod at the required working height.

The laser adapter has a variety of attachment options:

Features:

- 1/4" clamping screw for line lasers
- 5/8" clamping screw for rotating lasers
- Easy mount for Simplicx multi-functional support

Ref.-No. 460 995



Laser adapter

For quick and easy attachment of line and rotating lasers to a monopod.

Ref.-No. 461 011

mm display



Nedo Laser Receiver ACCEPTOR Line

Laser Receiver with mm display for Nedo red line lasers with pulse mode



Features:

- Extremely robust laser receiver
- Suitable for red line lasers with a wavelength of 610-780 nm
- Accuracy: switchable ± 4.0 mm / ± 1.0 mm
- Working range \emptyset : 100 m
- Protected against powerful jet water to IP 67
- Power supply: 2 x 1.5 V Typ AA
- Operation duration: up to 70 h
- Extremely robust laser receiver
- Large detector field: 50 mm
- Large LC display on front and back
- Adjustable volume
- Strong magnets for fixing to steel girders
- Optionally supplied with quick clamp or Heavy-Duty rod clamp made of diecast aluminium



Ref.-No. 430 336

Laser receiver ACCEPTOR Line with quick clamp

Ref.-No. 430 336







Ref.-No. 430 337

Laser receiver ACCEPTOR Line with Heavy-Duty rod clamp

Ref.-No. 430 337



Nedo Universal and Rotating Lasers at a Glance!

Product	LINUS 1 HV	SIRIUS 1 H	SIRIUS 1 HV	SIRIUS 1 HV green
Laser configuration				
Laser functionality	Universal laser horizontal 360° laser line 4 laser lines at 90° angles	Rotating laser horizontal	Rotating laser horizontal/vertical	Rotating laser horizontal/vertical

Application:	LINUS 1 HV	SIRIUS 1 H	SIRIUS 1 HV	SIRIUS 1 HV green
Casting concrete floors	***	***	***	*
Metre marking in interior work	***	**	**	**
Ceiling and dry wall construction	*	**	**	***
Use of batter boards	***		**	**
Bricklaying	***	**	***	*
Landscaping	***	*	*	*
Road construction	*	*	*	*
Interior finishing	**	**	***	***
Rough and fine grading	***	**	**	*
Depth control for excavations	**	***	***	*
Concrete formwork	***	*	*	*
Facade construction	**		**	*
Setting/control of slopes	*	*	*	*

* limited ** good *** optimal



PRIMUS 2 H	PRIMUS 2 H1N+	PRIMUS 2 H2N+	PRIMUS 2 HVA	PRIMUS 2 HVA2N
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Rotating laser horizontal	Rotating laser horizontal Single slope laser	Rotating laser horizontal dual slope laser	Rotating laser horizontal/vertical with AutoAlign function	Rotating laser horizontal/vertical with AutoAlign function dual slope laser
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The robust aluminium multifunctional base permits exact positioning of the **LINUS 1 HV** over a known plumb point. With the fine adjustment you can exactly set the vertical laser lines of the **LINUS 1 HV** even over long distances.

The multifunctional base is designed so that the laser can be positioned over tiles, allowing the vertical lines of the **LINUS 1 HV** to be aligned along the edges. The base additionally protects the laser from direct contact with wet soil, standing water or dirt.



The housing dimensions of the laser and ACCEPTOR Line laser receiver are perfectly matched. The distance between the vertical laser plane and the edge of the LINUS 1 HV is identical to that between the edge and zero line of the laser receiver. This makes it easy to check the perpendicularity of existing walls or formwork. Dimensional deviations can be read from the ACCEPTOR Line laser receiver with millimetre accuracy.



Nedo LINUS 1 HV

The versatile, robust universal laser with 90° function. Perfect for outdoor and indoor applications.



Scope of delivery **LINUS 1 HV**: Universal laser **LINUS 1 HV**, laser receiver **ACCEPTOR Line** with Heavy Duty rod clamp, multifunctional base with fine adjustment for precise axis alignment, rechargeable batteries and charger, laser glasses, target board and transport case

Ref.-No. 471 810

Features:

- Self-levelling universal laser for levelling, aligning, plumbing and marking off right angles
- Extremely robust
- Horizontal 360° laser line
- Four vertical, individually switchable laser lines at 90° angles, pointing down
- Plumb point
- Robust, motor-powered levelling, Self-levelling range $\pm 5^\circ$
- Rugged housing protected against low pressure jet water in accordance with IP 65
- Connecting thread 5/8"
- Multifunctional base made of diecast aluminium with fine adjustment for precise axis alignment
- Laser receiver **ACCEPTOR Line with mm display** and Heavy Duty rod clamp made of aluminium

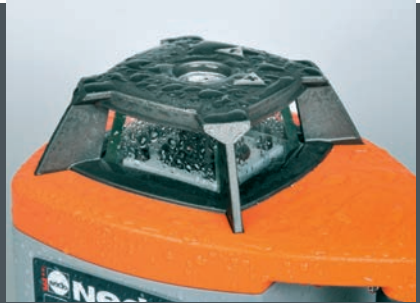
Nedo LINUS 1 HV



Supplied as a standard:
Laser receiver **ACCEPTOR Line** with mm-display and practically indestructible heavy-duty rod clamp, made of aluminium, protection class IP 65

Ref.-No.	471 810
Levelling accuracy	$\pm 1 \text{ mm}/10 \text{ m}$
Self-levelling range	$\pm 5^\circ$ motor-powered, with automatic level control of the horizontal axis
Working range \emptyset	up to 200 m with receiver ACCEPTOR Line
Laser	Laser class 2M, 635 nm
Protection class	IP 65
Power supply	Rechargeable batteries NiMH 4,8 V, 3800 mAh
Vertical lines' angle of aperture	135°
Operation duration	approx. 30 h
Connecting thread	5/8"

Thanks to its ingenious seal, the new **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.



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 2 digital with mm-display and Heavy-Duty rod clamp, rechargeable batteries, charger, case, aluminium tripod, Flexi Rod with universal adapter and case	471 931	471 931-632

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



Nedo SIRIUS 1 H

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



Scope of delivery **SIRIUS 1 H**:
Rotating laser **SIRIUS 1 H**, laser receiver **ACCEPTOR MAXX** with mm display and Heavy-Duty rod clamp, rechargeable batteries, charger and case

Ref.-No. 471 934-632

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
- Optional with laser receiver **ACCEPTOR 2 digital** with mm-display or **ACCEPTOR MAXX** with mm-display and extra large detector field
- High-power NiMH rechargeable batteries for long operation



SIRIUS 1 H Set inclusive:

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

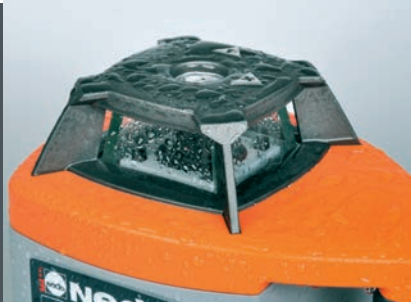
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Nedo SIRIUS 1 H

Technical data:	
Levelling accuracy	$\pm 1 \text{ mm}/10 \text{ m}$
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 new **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.



Nedo SIRIUS 1 HV

	Ref.-No. laser class 3R	Ref.-No. laser class 2
SIRIUS 1 HV Incl. laser receiver ACCEPTOR 2 digital with 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 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 2 digital with Heavy-Duty rod clamp, remote control, rechargeable batteries, charger, case, elevating tripod (Ref.-No. 210 621), Flexi Rod with universal adapter and carrying bag	471 941	471 941-632
SIRIUS 1 HV Set 2 Incl. laser receiver ACCEPTOR 2 digital with Heavy-Duty rod clamp, remote control, rechargeable batteries, charger, case, elevating tripod (Ref.-No. 210 616), Flexi Rod with universal adapter and carrying bag	471 942	471 942-632
SIRIUS 1 HV Set 2 Incl. laser receiver ACCEPTOR 2 digital with Heavy-Duty rod clamp, remote control, target board, wall mount, vertical mount, rechargeable batteries, charger, case	471 944	471 944-632

SIRIUS 1 H is now available with laser receiver ACCEPTOR MAXX. New, digital laser receiver with mm display and extra-large 120 mm 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. 471 946-632



SIRIUS 1 HV Set 1 inclusive:

- **SIRIUS 1 HV**
- 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. 471 941-632

SIRIUS 1 HV Set 2 inclusive:

- **SIRIUS 1 HV**
- 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. 471 942-632

Nedo SIRIUS 1 HV

The fully automatic horizontal/vertical rotating laser for clever craftsmen.

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
- Optional with laser receiver **ACCEPTOR 2** digital with mm-display or **ACCEPTOR MAXX** with mm-display and extra large detector field
- Remote control for a convenient handling

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, 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, 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 Set 2 Incl. laser receiver ACCEPTOR green, rod clamp, remote control, rechargeable batteries, charger, target board, wall mount, vertical mount, rechargeable batteries and case	471 952	471 952-632

**Laser class
2 or 3R**



Nedo SIRIUS 1 HV green

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



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

Features:

- Green laser beam with high-power laser diode (optionally available with laser class 3R or 2) for optimum visibility
- 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

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	< 1 mW, laser class 2, 515 nm < 5 mW, laser class 3R, 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. 20 h (laser class 2)
Connecting thread	5/8"



SIRIUS 1 HV green Set 1 inclusive:

- **SIRIUS 1 HV green**
- 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. 471 951-632

PRIMUS 2 H

PRIMUS 2 H available with mit 900 rpm.
Perfect for machine control applications.

Ref.-No. 399 602



Nedo PRIMUS 2 H

	Ref.-No. laser class 3R	Ref.-No. laser class 2
PRIMUS 2 H Incl. transport case, laser receiver ACCEPTOR MAXX, Heavy-Duty rod clamp, Quick-Fix, rechargeable batteries and charger	472 018	472 018-632
PRIMUS 2 H Incl. transport case, Quick-Fix, rechargeable batteries and charger	472 016	472 016-632
Upgrade PRIMUS 2 H to 900 rpm	399 602	399 602

PRIMUS 2 H is now available with laser receiver **ACCEPTOR MAXX**.

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



Nedo PRIMUS 2 H

The fully automatic horizontal rotating laser



Scope of delivery:

Rotating laser **PRIMUS 2 H**, laser receiver **ACCEPTOR MAXX with mm display**, Heavy-Duty rod clamp, rechargeable batteries and charger, Quick-Fix rapid locking system and transport case

Ref.-No. 472 018-632



Optional accessory "Outdoor package":

- Aluminium tripod, working range 0.91 m to 1.69 m
- Flexi Rod with universal adapter and carrying bag

Ref.-No. 200 350

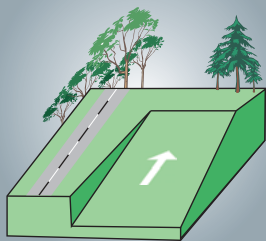
Features:

- Fully automatic rotating laser for horizontal applications
- Robust, motor-powered levelling
- Automatic level control stops the laser if it receives a heavy jolt. In this way, height errors are avoided.
- 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™
- Large, clear display showing rotation speed, battery level, etc.
- Rotor protection made of break-proof glass
- Laser receiver **ACCEPTOR MAXX with mm display**
- Extremely easy to use
- Highly accurate even under toughest conditions
- Available on request with a rotation speed of 900 rpm perfect for machine control applications

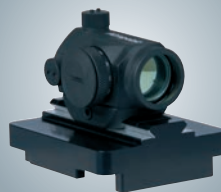
Nedo PRIMUS 2 H

Technical data:	
Levelling accuracy	± 0.5 mm/10 m
Self-levelling range	± 5° motor-powered, with automatic level control
Working range Ø	approx. 700 m with receiver ACCEPTOR MAXX
Laser	< 5 mW, laser class 3R, 635 nm < 1mW, laser class 2, 635 nm
Rotating speed	600 rpm or 900 rpm
Protection class	IP 66
Power supply	rechargeable batteries NiMH 4.8 V, 8500 mAh
Operation duration	approx. 100 h
Connecting thread	5/8"

Single slope function
For horizontal use and
for slopes in one axis



Optional accessory:
Telescopic sight with
laser sighting mechanism
Ref.-No. 461 096



Nedo PRIMUS 2 H1N+ Long Range

	Ref.-No. laser class 3R	Ref.-No. laser class 2
PRIMUS 2 H1N+ Long Range Incl. Quick-Fix, rechargeable batteries, charger and transport case	472 025	472 025-632
PRIMUS 2 H1N+ Long Range with ACCEPTOR MAXX laser receiver ACCEPTOR MAXX, Heavy-Duty rod clamp, Quick-Fix, rechargeable batteries and charger	472 026	472 026-632
Upgrade PRIMUS 2 H1N+ Long Range to 750 rpm	399 604	399 604
Upgrade PRIMUS 2 H1N+ Long Range to 900 rpm	399 602	399 602

PRIMUS 2 H1N+ Long Range

PRIMUS 2 H1N+ Long range available with 750 rpm or 900 rpm.
Perfect for machine control applications.

Ref.-No. 399 604 (750 rpm)

Ref.-No. 399 602 (900 rpm)



Nedo PRIMUS 2 H1N+ Long Range

Fully automatic single slope laser with tilt control and automatic releveling when in slope mode. Extremely large working range for use with machine control applications.

Features:

- Fully automatic single slope laser
- Robust, motor-powered levelling
- Direct grade entry for the y axis
- Slope value once input is stored beyond switch-off
- Tilt control: the position of the laser plane is continuously monitored in the slope mode and re-levelled if necessary.
- Automatic level control stops the laser if it receives a heavy jolt. In this way, height errors are avoided.
- Large, clear display showing inclination, rotation speed, battery level, etc.
- High-power laser diode, laser class 3R
- Alternatively available with laser class 2 with Bright Beam Technology™
- Rotor protection made of break-proof glass
- Highly accurate even under toughest conditions
- PRIMUS 2 H1N+ Long Range available on request with a rotation speed of 750 or 900 rpm perfect for machine control applications



Scope of delivery:
Rotating laser **PRIMUS 2 H1N+ Long Range**, laser receiver **ACCEPTOR MAXX with mm display**, Heavy-Duty rod clamp, rechargeable batteries, charger, Quick-Fix rapid locking system and transport case

Ref.-No. 472 026-632



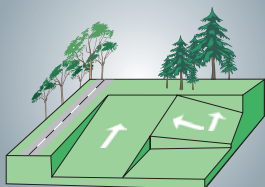
Optional accessory:
Laser receiver ACCEPTOR M

Ref.-No. 430 335

Nedo PRIMUS 2 H1N+ Long Range

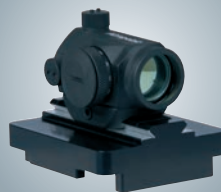
Technical data:	
Levelling accuracy	± 0.5 mm/10 m
Self-levelling range	± 5° motor-powered, with automatic level control
Setting of slope function	± 10 %
Accuracy of the slope function	better than ± 0,015 %
Working range Ø	approx. 1000 m with excavator receiver
Laser	< 5 mW, laser class 3R, 635 nm or < 1mW, laser class 2, 635 nm
Rotating speed	600 rpm, 750 rpm or 900 rpm
Protection class	IP 66
Power supply	rechargeable batteries NiMH 4.8 V, 8500 mAh
Operation duration	approx. 120 h
Connecting thread	5/8"

Dual slope function
For horizontal use
and for slopes in one
or two axes



Optional accessory:
Telescopic sight with
laser sighting
mechanism

Ref.-No. 461 096



Nedo PRIMUS 2 H2N+ / PRIMUS 2 H2N

	Ref.-No. laser class 3R	Ref.-No. laser class 2
PRIMUS 2 H2N+ with tilt control Incl. multi-function module COMMANDER 2 H2N+, Heavy-Duty rod clamp, Quick-Fix, rechargeable batteries, charger, transport case	472 034	472 034-632
PRIMUS 2 H1N+ Long Range with ACCEPTOR MAXX Incl. laser receiver ACCEPTOR MAXX, Heavy-Duty rod clamp, Quick-Fix, rechargeable batteries, charger and transport case	472 037	472 037-632
PRIMUS 2 H1N+ Long Range mit ACCEPTOR MAXX Incl. Quick-Fix, rechargeable batteries, charger and transport case	472 033	472 033-632
Upgrade PRIMUS 2 H1N+ Long Range to 750 rpm	399 604	399 604
Upgrade PRIMUS 2 H1N+ Long Range to 900 rpm	399 602	399 602
PRIMUS 2 H2N+ with tilt control Incl. multi-function module COMMANDER 2 H2N+, Heavy-Duty rod clamp, Quick-Fix, rechargeable batteries, charger, transport case	472 034	472 034-632
PRIMUS 2 H1N+ Long Range with ACCEPTOR MAXX Incl. laser receiver ACCEPTOR MAXX, Heavy-Duty rod clamp, Quick-Fix, rechargeable batteries, charger and transport case	472 037	472 037-632
PRIMUS 2 H1N+ Long Range with ACCEPTOR MAXX Incl. Quick-Fix, rechargeable batteries, charger and transport case	472 033	472 033-632

PRIMUS 2 H2N+

PRIMUS 2 H2N+ available with 750 or 900 rpm.
Perfect for machine control applications.

Ref.-No. 399 604 (750 rpm)

Ref.-No. 399 602 (900 rpm)



Nedo PRIMUS 2 H2N+ and H2N

Fully automatic dual slope laser with tilt control and automatic re-levelling when in slope mode



Scope of delivery:

Rotating laser **PRIMUS 2 H2N+**, laser receiver **COMMANDER 2 H2N+ mm display**, Heavy-Duty rod clamp, rechargeable batteries, charger, Quick-Fix rapid locking system and transport case

Ref.-No. 472 034-632



Optional accessory "Outdoor package":

- Aluminium tripod, working range 0.91 m to 1.69 m
- Flexi Rod with universal adapter and carrying bag

Ref.-No. 200 350

Features:

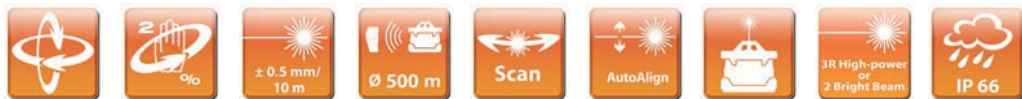
- Robust, motor-powered levelling
- Direct grade entry for the x and y axes
- Slope values once input are stored beyond switch-off
- PRIMUS 2 H2N+ with tilt control: the position of the laser plane is continuously monitored in the slope mode and re-levelled if necessary.
- Automatic level control stops the laser if it receives a heavy jolt. In this way, height errors are avoided.
- Large, clear display showing inclination, rotation speed, battery level, etc.
- 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™
- Rotor protection made of break-proof glass
- Highly accurate even under toughest conditions
- PRIMUS 2 H2N+ available on request with a rotation speed of 750 or 900 rpm perfect for machine control applications

Nedo PRIMUS 2 H2N+ and H2N

Technical data:	
Levelling accuracy	± 0.5 mm/10 m
Self-levelling range	± 5° motor-powered, with automatic level control
Setting of slope function	± 10%, direct entry
Accuracy of the slope function	± 0.015% PRIMUS 2 H2N+, ± 0.1% PRIMUS 2 H2N
Working range Ø	approx. 700 m with receiver COMMANDER 2 H2N
Laser	< 5 mW, laser class 3R, 635 nm or < 1mW, laser class 2, 635 nm
Rotating speed	600 rpm, 750 rpm or 900 rpm
Protection class	IP 66
Power supply	rechargeable batteries NiMH 4.8 V, 8500 mAh
Operation duration	approx. 100 h
Connecting thread	5/8"

with mm-display and
all-metal rod clamp

Supplied as standard with laser receiver COMMANDER 2
with mm display and practically indestructible all-metal
clamp made of diecast aluminium



PRIMUS 2 HVA

	Ref.-No. laser class 3R	Ref.-No. laser class 2
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PRIMUS 2 HVA

472 050

472 050-632

Incl. multi-function module COMMANDER 2 HVA (laser receiver with mm display incl. radio remote control), Heavy-Duty rod clamp, magnetic target board, Quick-Fix, rechargeable batteries, charger and transport case



AutoAlign Video

AutoAlign function

At the push of a button, the laser plane automatically aligns with the laser receiver **COMMANDER 2 HVA**.

Ideal when batter boards are used or on facade construction.

The working range of the AutoAlign function is 50 metres.



Scope of delivery:

Rotating laser **PRIMUS 2 HVA**, laser receiver **COMMANDER 2 HVA mm display**, Heavy-Duty rod clamp, magnetic target board, rechargeable batteries, charger, Quick-Fix rapid locking system and transport case
Ref.-No. 472 050-632



Optional accessory "Accessory package1":

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

Ref.-No. 210 350

Optional accessory "Accessory package2":

- Elevating tripod, working range 0.78 m to 2.03 m
- Flexi Rod with universal adapter and carrying bag

Ref.-No. 210 351

Nedo PRIMUS 2 HVA

The fully automatic horizontal/vertical rotating laser with AutoAlign function.

Features:

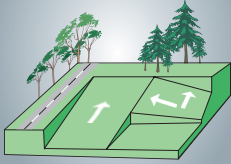
- AutoAlign function: automatic alignment of the laser beam to the zero mark of the laser receiver
- Robust, motor-powered levelling
- Large, clear display showing rotation speed, battery level, etc.
- Automatic level control stops the laser if it receives a heavy jolt. In this way, height errors are avoided.
- Manual setting of slopes in 2 axes
- Scan function and dot mode
- High-power laser diode, laser class 3R, for highly visible laser beam and easy work at the close range
- Upward plumb beam
- Rotor protection made of break-proof glass

Nedo PRIMUS 2 HVA

Technical data:	
Levelling accuracy	± 0.5 mm/10 m
Self-levelling range	± 5° motor-powered, with automatic level control
Setting of slopes in two axes	manual
Working range Ø	approx. 500 m with receiver COMMANDER 2 HVA
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° and 15°
Protection class	IP 66
Power supply	rechargeable batteries NiMH 4.8 V, 8500 mAh
Operation duration	approx. 100 h
Connecting thread	5/8"

Dual slope function

For horizontal use and for slopes in one or two axes



AutoAlign function

At the push of a button, the laser plane automatically aligns with the laser receiver COMMANDER 2 HVA2N. Ideal when batter boards are used or on facade construction. The working range of the AutoAlign function is 50 metres.



PRIMUS 2 HVA2N

	Ref.-No. laser class 3R	Ref.-No. laser class 2
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PRIMUS 2 HVA2N

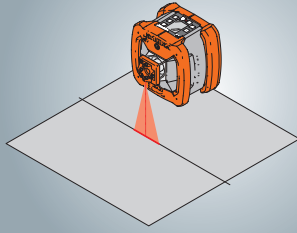
472 061

472 061-632

Incl. magnetic target board, multi-function module COMMANDER 2 HVA2N (laser receiver with mm display incl. radio remote control) and Heavy-Duty rod clamp, Quick-Fix, rechargeable batteries, charger and transport case

Vertical alignment aid

In vertical operation the laser can be exactly aligned with the help of a laser line



Supplied as standard:
Radio remote control
/ laser receiver
COMMANDER 2 HVA2N
with mm display and
practically indestructible
heavy-duty rod
clamp, made of
aluminium.



Scope of delivery:

Rotating laser **PRIMUS 2 HVA2N**, laser receiver **COMMANDER 2 HVA2N mm display**, Heavy-Duty rod clamp, magnetic target board, rechargeable batteries, charger, Quick-Fix rapid locking system and transport case
Ref.-No. 472 061-632



Optional accessory "Accessory package1":

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

Ref.-No. 210 350

Optional accessory "Accessory package2":

- Elevating tripod, working range 0.78 m to 2.03 m
- Flexi Rod with universal adapter and carrying bag

Ref.-No. 210 351

Nedo PRIMUS 2 HVA2N

The fully automatic horizontal/vertical dual slope laser with AutoAlign function.

Features:

- Tilt control: the position of the laser is continuously monitored in the tilt mode
- Direct grade entry for the x and y axis
- AutoAlign function: automatic alignment of the laser beam to the zero mark of the laser receiver
- 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.
- Scan function and dot mode
- Vertical alignment aid
- Upward plumb beam
- Rotor protection made of break-proof glass
- Highly accurate even under toughest conditions

Nedo PRIMUS 2 HVA2N

Technical data:	
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	
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° and 15°
Protection class	IP 66
Power supply	rechargeable batteries NiMH 4.8 V, 8500 mAh
Operation duration	approx. 100 h
Connecting thread	5/8"

The sophisticated SmartControl operating concept of the TUBUS 2 Pipe Laser ensures easy, intuitive handling: All important data, including the gradient, cross slope, axis alignment and battery level, are clearly shown on the wellarranged OLED display on both, the laser and the remote control. The combined radio and infrared remote control ensures top transmission performance both in and above the pipe.



Extremely compact

The compact design of the TUBUS 2 Pipe Laser enables it to be used in narrow pipes with diameters of 125 mm and more and in tight pipe bends. Insertion into small-diameter pipes is simplified by the innovative pipe slider, a rugged metal wheel on the underside of the laser.



Nedo Pipe Laser TUBUS 2

Green. Easy to operate. Extremely robust.

Features:

- Green laser diode for top visibility, optionally available with laser class 2 or 3R
- SmartControl for simple, intuitive operation
- Extremely robust design, IP 68 submersion protection
- Compact dimensions for use in tight pipe bends and pipes with diameters of 125 mm and more
- Laser and remote control with OLED display for easy read-offs
- Combined radio and infrared remote control for top transmission performance
- Manual alignment function
- Inclination measurement function
- Cross slope compensation, also for plumbing
- Adjustable vibration sensitivity
- Pipe slider for simple insertion of the laser into small-diameter pipes
- Plumb LED upwards
- 5/8" tripod thread
- Li-Ion battery for long periods of use
- Battery charger for simultaneous charging of the laser and the remote control
- Sets of feet for 150 mm, 200 mm, 250 mm and 300 mm pipe diameters
- Height-adjustable target board



Scope of delivery:

Pipe laser **TUBUS 2**, radio remote control, height-adjustable target board, set of feet for 150 mm, 200 mm, 250 mm and 300 mm diameter, rechargeable lithium-ion batteries, charger, robust transport case

Ref.-No. 472 210

Nedo TUBUS 2

Ref.-No.	472 210 laser class 3R
Ref.-No.	472 210 -632 laser class 2
Levelling accuracy	± 0.05 mm/m
Self-levelling range	-15 % à +40 %
Gradient range	-15 % à +40 %
Horizontal adjustment range	± 10°
Display resolution	0,001%
Laser	laser class 2 or 3R
Operating temperature	-20°C to +50°C
Protection class	IP 68
Operation duration	approx. 40 h
Weight	approx. 3.5 kg
Dimensions	ø 120 mm, length 300 mm

mm display



Ref.-No. 062 247

Nedo Laser Receiver ACCEPTOR 2 digital with mm display

The laser receiver **ACCEPTOR 2 digital with mm display** shows digitally the divergence of the zero line of the laser receiver from the laser plane of the rotating laser. With the mm display, height differences during levelling can be read off directly – without calculation.

Features:

- Sturdy laser receiver for all rotating lasers with red laser beam
- mm display
- Large detector field of 50 mm length
- Large LC display on front and back
- Bright LEDs
- Adjustable signal tone
- Automatic switch-off
- Strong magnets for fastening to steel girders
- Bubble for exact alignment
- Heavy-duty receiver holder of metal

Technical data:

- Accuracy: switchable, $\pm 1,0$ mm, $\pm 4,0$ mm, $\pm 6,0$ mm
- Working range: $\varnothing 550$ m (depends on laser)
- Protection class IP 67
- Power supply: 2 x 1,5 V (AA) or rechargeable batteries NiMH
- Operation duration: approx. 120 h

Ref.-No. 430 338

Optional accessory:

Multi-function receiver holder with quick clamp.

Features:

- Quick and easy attachment with the quick clamp
- Flat positioning of the laser receiver on a wall
- Around-the-corner applications are no problem for the multifunctional receiver holder
- Quick and easy attachment to the batter board



Ref.-No. 062 247

Ref.-No. 062 247



Nedo Laser Receiver ACCEPTOR MAXX

Nedo **ACCEPTOR MAXX** is a new digital laser receiver with a mm display and an extra-large detector field. The robust housing and the virtually indestructible Nedo heavy-duty rod clamp make the new **ACCEPTOR MAXX** perfect for use under harsh conditions.

Large illuminated digital LC displays on the front and back show the deviation off the zero line of the **ACCEPTOR MAXX** from the plane of the rotation laser. The easy-to-read displays allow you to read off height differences directly in mm, without calculation.



ACCEPTOR MAXX

MAXXimum detector field

- Detector field with 120 mm length

MAXXimum performance

- Double LED display in front and side
- Illuminated displays

MAXXimum working range

- Working diameter 900 m

MAXXimum precision

- Digital mm display up to ± 52 mm

Features:

- Robust laser receiver for all rotating lasers with a red laser beam
- Extra-large 120 mm detector field
- Large illuminated LC displays on the front and back
- Readout of height difference in mm
- Size of directional arrows is proportional to difference in height
- Bright LED display, visible the front and side
- 4 accuracy settings: ± 1 mm, ± 2 mm, ± 4 mm and ± 8 mm
- Energy-saving mode, display illumination can be switched off
- Battery status shown in display
- Switchable acoustic signal
- Bubble for easy alignment
- Automatic shut-off after 15 min.
- Nedo heavy-duty rod clamp and batteries supplied as standard

Ref.-No. 430 339

Technical data:

- Accuracy: ± 1 mm, ± 2 mm, ± 4 mm and ± 8 mm
- Working range: \varnothing 900 m (depends on laser)
- Length detector field: 127 mm
- Reception angle: $\pm 45^\circ$
- Protection class: IP 67
- Operating temperature: -20°C to $+60^\circ\text{C}$
- Power supply: 2 x 1.5 V type mignon (AA)
- Operation duration: ca. 60 h

Extremely robust

Nedo laser receivers COMMANDER 2 are equipped with the practically indestructible Heavy-Duty rod clamp as a standard.



Nedo Laser Receiver COMMANDER 2

Extremely robust laser receiver with integrated radio remote control for rotating lasers of the PRIMUS 2 series.

With the mm display, height differences during levelling can be read off directly – without calculation.



Features:

- Extremely robust laser receiver for all rotating lasers with red laser beam
- mm-display
- Heavy-Duty rod clamp made of diecast aluminium
- Large detector field with 70 mm length
- Large LC display on front and back
- Bright LED display
- Adjustable volume
- Automatic switch-off
- Display of remaining battery power
- Easy to handle

Technical data:

- Accuracy switchable, ± 0.5 mm, ± 1 mm, ± 2 mm and ± 4 mm
- Working range \varnothing 700 m (depends on laser)
- Length of detector field 70 mm
- Reception angle $\pm 50^\circ$
- Protection class IP 66
- Operating temperature -20°C to $+50^\circ\text{C}$
- Power supply 3 x 1.5 V batteries (AA) or rechargeable batteries (NiMH)
- Operation duration up to 100 h



Ref.-No. 430 370 COMMANDER 2 HVA

Ref.-No. 430 371 COMMANDER 2 H2N

Ref.-No. 430 374 COMMANDER 2 H2N+

Ref.-No. 430 375 COMMANDER 2 HVA2N

ACCEPTOR M with tilt compensation

The Nedo ACCEPTOR M excavator receiver has a tilt compensation feature to accurately show the position of the excavator blade even when the dipper arm is inclined.

The tilt of the dipper arm can be compensated up to an angle of 30°, allowing more precise work.



Nedo Excavator Receiver ACCEPTOR M

Sturdy laser receiver with easy-to-view display for use with construction machinery. When used with a rotating laser, the new Nedo **ACCEPTOR M** excavator receiver accurately shows whether the excavator blade is above, at or below the required height. Large, bright LEDs make it easy to view the display from the excavator cab.

The switchable tilt compensation accounts for tilting of the dipper arm up to an angle of 30°. In this way the **ACCEPTOR M** reliably and accurately shows the position of the excavator blade in relation to the required height.

Features:

- Robust excavator receiver for all rotating lasers with red laser beam
- Large detector field with a length of 190 mm
- 220° reception angle for reliable reception of the laser beam
- Very sturdy design
- Splashproof and dustproof in accordance with IP 66
- Firmly attached to the dipper arm by means of 12 very strong magnets
- Rubber studs to prevent slipping
- 3 precision levels with resolutions of 4 mm, 8 mm or 12 mm
- Very bright LEDs for easy viewing from the cab
- Tilt compensation up to 30° for greater precision even when the dipper arm is inclined
- Deactivatable signal tone
- Transport case and folding rule included
- Suitable for all rotating lasers with wavelengths from 600 nm to 780 nm

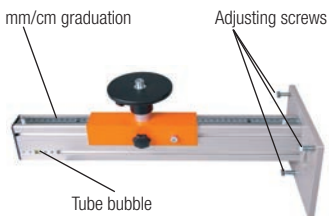
Ref.-No. 430 335

Technical data:

- Accuracy ± 4 mm, ± 8 mm and ± 12 mm
- Working range $\varnothing 1000$ m (depends on laser)
- Reception angle 220°
- Length of detector field 190 mm
- Protection class IP 66
- Operating temperature -10°C to +50°C
- Power supply 1 x 1.5 V mono-cell
- Operation duration approx. 45 h



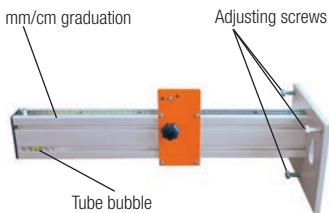
Facade Construction Adapters and Batter Board Holder



Facade Construction Adapter for PRIMUS 2 Rotating Lasers

Sturdy aluminium facade construction adapter. Sliding runner with tripod head and 5/8" connecting thread. Adjusting range approx. 450 mm. Three adjusting screws allow exact alignment of the facade construction adapter.

Ref.-No. 461 046



Facade Construction Adapter for COMMANDER 2 Laser Receivers

Sturdy aluminium facade construction adapter. Sliding runner for accommodating the COMMANDER 2 laser receiver. Adjusting range approx. 490 mm. Three adjusting screws allow exact alignment of the facade construction adapter.

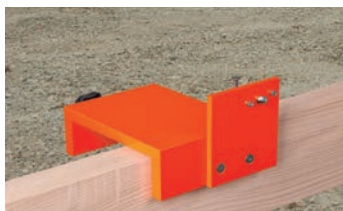
Ref.-No. 461 056



Batter Board Holder for Rotating Lasers PRIMUS 2

Sturdy aluminium batter board holder with four clamping screws. Suitable for use with rotating lasers from the PRIMUS 2 series. Clamping range: 20 - 85 mm

Ref.-No. 461 051



Batter Board Holder for Laser Receiver COMMANDER 2

Sturdy aluminium batter board holder with one clamping screw. Suitable for use with COMMANDER 2 laser receiver.

Ref.-No. 461 055





Nedo Fix-it

Nedo **Fix-it**, the new versatile Heavy-Duty column clamp for construction lasers and instruments.

The ingeniously designed Fix-it can securely mount rotating lasers and instruments at countless places in buildings and on construction sites, ensuring a high level of stability

Nedo Fix-it

Ref.-No.	461 025
Column height	adjustment 538 mm, Ø 45 mm
Mounting plat	Ø 110 mm with 5/8" connection thread
Weight	4.7 kg
Crank drive	indirect
Wings	movable
Arm length	240 mm



Perfect for:

- Bricklaying
- Reinforced concrete construction
- Metalworking
- Carpentry and
- All other building trades



**BUILDERS' LEVELS / THEODOLITES /
ACCESSORIES**

Focus on Precision

Nedo offers an attractive range of optical surveying instruments. In order to meet differing needs in terms of robustness and accuracy, Nedo has three different level series with different magnifications.

All Nedo levels have high-quality optical systems with plenty of light-gathering power. All Nedo levels are also available as a set with tripod and telescoping levelling rod.

Our electronic theodolites are optionally available with an optical plummet or a laser plummet.

Each Nedo surveying instrument is thoroughly inspected and precisely adjusted before shipment, and each comes with a test report.

Nedo offers a unique line of levelling rods as accessories.





Image levelling set

Nedo Builders' Levels F-Series

State-of-the-art builders' levels with advanced optical systems. Sturdy and dependable for rugged construction site conditions.

Features:

- Automatic builders' level with 24x, 28x or 32x magnification
- Bright optics with large objective aperture
- Sturdy, reliable magnetic-damped compensator
- Rugged metal housing
- High-contrast image
- Inspection record
- Comes with plumb bob, adjusting pin and robust case
- Also available as a set with 5 m levelling staff and aluminium tripod

Nedo Builders' Levels F-Series

	F24	F28	F32
Ref.-No.	460 777-613	460 795-613	460 797-613
Ref.-No. Set	463 105	465 105	466 105
Magnification	24x	28x	32x
Clear objective aperture	30 mm	30 mm	40 mm
Shortest focusing distance	0.6 m	0.6 m	0.6 m
Compensator operating range	± 15 '	± 15 '	± 15 '
Setting accuracy	± 0.5"	± 0.3"	± 0.3"
Horizontal circle	400 gon	400 gon	400 gon
Sensitivity of circular bubble	8'/2 mm	8'/2 mm	8'/2 mm
Standard deviation per km double-run levelling	± 2.5 mm	± 2.0 mm	± 1.5 mm
Protection class	IP 54	IP 54	IP 54
Connecting thread	5/8"	5/8"	5/8"



Image levelling set

Nedo Builders' Levels X-Series

Top-quality builders' levels which meet the very highest demands.

Features:

- Automatic builders' level with 24x or 32x magnification
- Bright optics with large objective aperture
- Rugged metal housing
- Sturdy, reliable air-damped compensator
- High-contrast image
- Inspection record
- Comes with plumb bob, adjusting pin and robust case
- Also available as a set with 5 m levelling staff and aluminium tripod

Nedo Builders' Levels X-Series

	X24	X32
Ref.-No.	460 759	460 760
Ref.-No. Set	464 245	464 325
Magnification	24x	32x
Clear objective aperture	40 mm	40 mm
Shortest focusing distance	0.6 m	0.6 m
Compensator operating range	± 15'	± 15'
Setting accuracy	± 0.5"	± 0.3"
Horizontal circle	400 gon	400 gon
Sensitivity of circular bubble	8'2 mm	8'2 mm
Standard deviation per km double-run levelling	± 2.0 mm	± 1.0 mm
Protection class	IP 54	IP 54
Connecting thread	5/8"	5/8"



Image levelling set

Nedo Engineers' Levels Z-Series

Premium engineers' levels that meet the most exacting demands. Jet water and dust proof in accordance with IP X6.

Features:

- Automatic engineers' level with 24x or 32x magnification
- Bright optics with large objective aperture
- Rugged metal housing
- Jet water and dust proof; IP X6
- Large objective aperture: 36 mm
- Sturdy, reliable air-damped compensator
- High-contrast image
- Inspection record
- Comes with plumb bob, adjusting pin and robust case
- Also available as a set with 5 m levelling staff and aluminium tripod

Nedo Engineers' Levels Z-Series

	Z24	Z32
Ref.-No.	460 756	460 758
Ref.-No. Set	465 245	465 325
Magnification	24x	32x
Clear objective aperture	36 mm	36 mm
Shortest focusing distance	0.65 m	0.65 m
Compensator operating range	± 15 '	± 15 '
Setting accuracy	± 0,5"	± 0,3"
Horizontal circle	400 gon	400 gon
Sensitivity of circular bubble	8'/2 mm	8'/2 mm
Standard deviation per km double-run levelling	± 2.0 mm	± 1.0 mm
Protection class	IP X6	IP X6
Connecting thread	5/8"	5/8"

Batter board holder for theodolite

Sturdy aluminium batter board holder with four clamping screws.

Ref.-No. 461 051



Nedo ET-5 Electronic Theodolite with Optical Plummet or Laser Plummet

Features:

- Bright optics with 30x magnification
- 2 large, easy-to-read LCD illuminated displays
- 2 clearly arranged control panels
- Automatic vertical compensator; Working range $\pm 3'$
- Horizontal circle with right/left function
- Horizontal circle can be set to zero in any position
- Hold function for horizontal circle
- Automatic switch-off after 30 minutes; can be deactivated
- Robust tribrach with 5/8" connecting thread
- Incl. rechargeable batteries, charger, plumb bob, weather protection, tools and robust case
- Available with optical plummet or with laser plummet

Nedo Electronic Theodolite ET-5 with Optical Plummet or Laser Plummet

	ET-5 with optical plummet	ET-5 with laser plummet
Ref.-No.	460 812-613	460 814-613
Magnification	30x	30x
Shortest focusing distance	1.35 m	1.35 m
Clear objective aperture	45 mm	45 mm
Minimum reading	1" or 5"	1" or 5"
Accuracy	5"	5"
Angle units	Grad(0-360) / Gon(0-400) / Mil(0-6400)	Grad(0-360) / Gon(0-400) / Mil(0-6400)
Spirit level	30"/2 mm	30"/2 mm
Circular bubble	8'/2 mm	8'/2 mm
Operating temperature	-20°C to +50°C	-20°C to +50°C
Magnification optical plummet	3x	
Accuracy optical plummet	$\pm 0,5 \text{ mm}/1,5 \text{ m}$	
Laser plummet		<1 mW, laser class 2, 650 nm
Accuracy laser plummet		$\pm 1.5 \text{ mm}/1.5 \text{ m}$



Aluminium Telescopic Levelling Staffs with E-graduation

Aluminium Telescopic Levelling Staffs

To meet differing quality demands Nedo offers two series of telescopic levelling staffs.



QualiLine Telescopic Levelling Staffs

For maximum quality and accuracy, Nedo **QualiLine telescopic levelling staffs** are made of high-quality white powder-coated aluminium tubes. The rugged locking mechanism ensures that the telescopic sections lock securely into position. The levelling graduation on the front side is protected by standoff ribs. Nedo **QualiLine telescopic levelling staffs** are available with adjustable circular bubbles and graduation 1 and graduation 2 on the rear. Nedo QualiLine telescopic levelling staffs correspond to the norm DIN 18703.

StandardLine Telescopic Levelling Staffs

Reliable quality at an attractive price. Nedo **StandardLine telescopic levelling staffs** are made of anodised aluminium section tubes to withstand extreme demands on the construction site. A reliable locking mechanism with metal reinforced buttons ensures that the telescopic sections lock securely into position. **StandardLine staffs** are available with graduation 1 and 2 on the rear. The staffs are supplied with a carrying bag and clip-on bubble.



QualiLine
Telescopic Levelling
Staffs



StandardLine
Telescopic Levelling
Staffs
incl. case

Graduations on the Rear

Graduation 1

Graduation for measurements of internal room heights.

Graduation 2

Continuous mm-graduation, beginning with 0 at the staff's shoe.



Graduation 1



Graduation 2

Nedo QualiLine Levelling Staffs

Ref.-No.	Graduation on rear	Circular bubble	No. of sections	Length retracted	Measuring range	Weight
343 122-101	2	-	3	1.16 m	3.00 m	1.40 kg
344 121	1	adjustable	4	1.19 m	4.00 m	1.80 kg
344 122	2	adjustable	4	1.19 m	4.00 m	1.80 kg
345 121	1	adjustable	5	1.22 m	5.00 m	2.10 kg
345 122	2	adjustable	5	1.22 m	5.00 m	2.10 kg

Nedo StandardLine Levelling Staffs

Ref.-No.	Graduation on rear	Clip on bubble	No. of sections	Length retracted	Measuring range	Weight
344 115-637	1	yes	4	1.22 m	4.00 m	1.50 kg
344 122-637	2	yes	4	1.22 m	4.00 m	1.50 kg
345 115-637	1	yes	5	1.22 m	5.00 m	1.80 kg
345 122-637	2	yes	5	1.22 m	5.00 m	1.80 kg
347 122-637	2	yes	5	1.69 m	7.00 m	2.30 kg



TRIPODS

Get the Maximum Accuracy out of your Surveying Instrument

The stability of a tripod has great impact on the precision achieved with a levelling instrument, a construction laser, or a total station. Depending on the type of instrument, tripods have to meet different requirements and specifications.

Bearing this in mind, Nedo has developed a unique range of tripods comprising aluminium tripods, elevating tripods, wooden tripods and practical accessories.





Medium-Duty Elevating Tripod
Ref.-No. 210 616

- Min. effective height approx. 0.78 m
- Max. effective height approx. 2.03 m
- Retracted length approx. 1.02 m
- Holding screw: 5/8" thread
- Weight approx. 5.10 kg
- Tripod plate, Ø 110 mm
- Telescopic section 1-fold
- Adjustable column range 545 mm

Features:

- Indirect gear
- Quick clamp
- Slip guard
- Circular bubble
- Tripod head and joints of aluminium
- mm graduation on telescopic tube
- Strapless-Go leg locking system without a strap

Suitable for:

- Rotating laser



Medium-Duty Elevating Tripod
Ref.-No. 210 621

- Min. effective height approx. 0.80 m
- Max. effective height approx. 2.76 m
- Retracted length approx. 1.06 m
- Holding screw: 5/8" thread
- Weight approx. 5.32 kg
- Tripod plate, Ø 110 mm
- Telescopic section 2-fold
- Adjustable column range 580/642 mm

Features:

- Direct gear
- Quick clamp
- Slip guard
- Circular bubble
- Tripod head and joints of aluminium
- mm graduation on telescopic tube
- Double telescope
- Strapless-Go leg locking system without a strap

Suitable for:

- Rotating laser

The crank of elevating tripods with indirect gear moves the height adjustable column via a reduction gear unit. This allows the desired height to be set precisely even with heavy-duty lasers. Furthermore, the reduction gear unit prevents any unintentional descent of the laser when the locking screw is opened.

The indirect gear is a particularly convenient solution, especially when using heavy-duty rotating lasers.



Heavy-Duty Elevating Tripod
Ref.-No. 210 678

- Min. effective height approx. 1.01 m
- Max. effective height approx. 2.94 m
- Retracted length approx. 1.32 m
- Weight approx. 7.44 kg
- Holding screw: 5/8" thread
- Tripod plate, Ø 110 mm
- Telescopic section 2-fold
- Adjustable column range 490/520 mm

Features:

- Double telescope
- Indirect gear
- Slip guard
- Circular bubble
- Tripod head and joints of aluminium
- mm graduation on telescopic tube
- Accessory: Combi tripod feet
- Reinforced telescopes

Suitable for:

- Rotating lasers
- Heavy-duty rotating lasers



Heavy-Duty Elevating Tripod
Ref.-No. 210 680

- Min. effective height approx. 0.85 m
- Max. effective height approx. 3.02 m
- Retracted length approx. 1.32 m
- Holding screw: 5/8" thread
- Weight approx. 8.75 kg
- Tripod plate, Ø 110 mm
- Telescopic section 2-fold
- Adjustable column range 600/590 mm

Features:

- Double telescope
- Indirect gear
- Reinforced telescopes
- Additional leg struts
- Quick clamp
- Circular bubble
- Tripod head and joints of aluminium
- Accessory: Combi tripod feet
- mm graduation on telescopic tube

Suitable for:

- Heavy-duty rotating lasers



Lightweight Aluminium Tripod

Ref.-No. 200 215-637 (flat head)

Ref.-No. 200 216-613 (domed head)

- Min. effective height approx. 0.93 m
- Max. effective height approx. 1.54 m
- Retracted length approx. 0.99 m
- Holding screw: 5/8" thread
- Weight approx. 3.55 kg
- Tripod head flat, Ø 140 mm

Features:

- Tripod head and joints of aluminium
- Quick clamp
- Carrying strap

Suitable for:

- Builders' levels
- Rotating lasers



Medium-Duty Aluminium Tripod

Ref.-No. 200 225

- Min. effective height approx. 0.91 m
- Max. effective height approx. 1.69 m
- Retracted length approx. 1.06 m
- Holding screw: 5/8" thread
- Weight approx. 3.6 kg
- Tripod head flat, Ø 140 mm

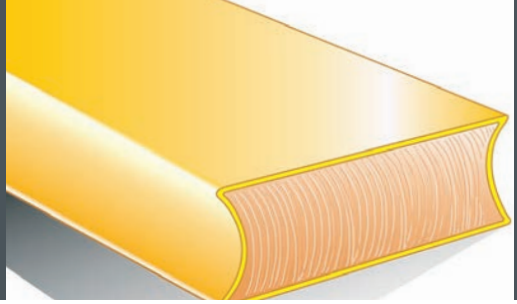
Features:

- Aluminium tripod plate
- Quick clamp
- Carrying strap
- Slip guard
- Strapless-Go leg locking system without a strap
- In accordance with ISO 12858-2-LF

Suitable for:

- Builders' levels
- Rotating lasers
- Theodolites

Nedo wooden tripods are made of carefully selected ash wood. All wooden parts are sealed with a high-tech plastic material that keeps moisture out. This ensures that there is no swelling, shrinking or splintering of wood and it makes Nedo wooden tripods extremely robust and weatherproof. Nedo wooden tripods are more durable than tripods with regular lacquering.



Medium-Duty Wooden Tripod

Ref.-No. 200 100 (with Quick clamp)

Ref.-No. 200 133 (with Wing nut clamp)

- Min. effective height approx. 1.02 m
- Max. effective height approx. 1.65 m
- Retracted length approx. 1.09 m
- Holding screw: 5/8" thread
- Weight approx. 5.40 kg
- Tripod head flat, Ø 140 mm

Features:

- Quick clamp
- Tripod head and joints of aluminium
- Plastic-coated tripod legs
- Carrying strap
- In accordance with ISO 12858-2-LF

Suitable for:

- Digital levels
- Builders' levels
- Theodolites
- Total stations



Heavy-Duty Wooden Tripod

Ref.-No. 200 513 (with Quick clamp)

Ref.-No. 200 533 (with Wing nut clamp)

- Min. effective height approx. 1.02 m
- Max. effective height approx. 1.69 m
- Retracted length approx. 1.10 m
- Holding screw: 5/8" thread
- Weight approx. 7.60 kg
- Tripod head flat, Ø 167 mm

Features:

- Large, round tripod head
- Tripod head and joints of aluminium
- Plastic-coated tripod legs
- Quick clamp
- Snap Cap
- Carrying strap
- In accordance with ISO 12858-2-H
- Strapless-Go leg locking system without a strap

Suitable for:

- Total stations
- Digital levels
- Theodolites
- Heavy-duty rotating lasers



Tripod for Machine Control

Ref.-No. 210 540 (Working height up to 4 m)

Ref.-No. 210 530 (Working height up to 3 m)

- Min. effective height approx. 1.73 m
- Max. effective height approx. 4.01 m
- Retracted length approx. 1.94 m
- Holding screw: 5/8" thread
- Weight approx. 17.2 kg
- Tripod plate, Ø 167 mm
- Adjust. column range 908 mm

Features:

- Indirect gear
- Reinforced telescopes
- Additional leg struts
- Twist proof elevating column with centric clamp
- Circular bubble
- Quick clamp
- Slip guard
- mm graduation on telescopic tube
- Extra large tripod head made of aluminium

Suitable for:

- Machine control lasers



Medium-Duty Aluminium Tripod

Ref.-No. 200 225

- Min. effective height approx. 0.54 m
- Max. effective height approx. 1.65 m
- Retracted length approx. 0.59 m
- Weight approx. 2.68 kg
- Maximum payload: 30 kg

Features:

- Extremely light and robust tripod made of CFRP
- 4-section tripod legs
- Combi tripod feet
- Large top plate, 140 mm diameter, with 5/8" connection thread
- Small top plate, 74 mm diameter, with 3/8" connection thread
- Interchangeable head insert with 3/8" and 5/8" connection thread
- Spirit level
- Adjustable slip guard
- Two tripod legs with softgrip

Suitable for:

- Laser scanners



Tripod for Laser Scanners

industrial line 

Two Way Tripod

Nedo Industrial Line elevating tripod is designed especially for the use of 3D laser scanners. The laser scanner can be mounted either at the top or at the bottom of the elevating column ensuring maximum flexibility. When mounted at the top, the laser scanner can be easily lifted to the desired working height. The indirect gear unit allows for maximum convenience. For stability reasons, the maximum working height is limited to 4 m.

For shaft applications, the column can be turned and the laser scanner mounted at the bottom of the elevating column and inserted from above the shaft cover into the shaft compartment. The toothed rack extends to almost any length. Additional rack elements are inserted into the elevating head and securely connected to the previously inserted toothed rack element with the aid of an innovative locking device.



Features Ref.-No 210 710:

- Min. effective height approx. 1.12 m
- Max. effective height approx. 5.00 m
- Depth of shaft approx. 4.00 m
- Retracted length approx. 1.21 m
- Holding screw: 5/8" thread
- Tripod adapter: 3/8" thread
- Weight approx. 8.9 kg
- Tripod plate flat, Ø 110 mm
- Tripod head and joints made of aluminium
- Use of the laser scanner above and below the elevating tripod
- mm graduation on telescopic tube
- Twist proof elevating column with centric clamp
- Suitable for shafts with a diameter of 205 cm maximum





MEASURING TOOLS

Precise Measurement of Lengths, Distances and Angles

Nedo measuring tools provide innovative solutions for precise measurement of lengths and angles in interior finishing.

Nedo mEssfix is the classic product in its line of measuring tools. This telescopic rule with an integrated analogue display is ideal for quick and precise measurement of clear dimensions, as thousands of users have discovered.

The **laser mEssfix 50** is the mEssfix among the laser distance measuring instruments: reliable and accurate.

Nedo **measuring wheels** are ideal for accurate measurement of distances up to 9,999.99 m in road and path construction.

Winkelfix and **Winkeltronic** measure and transfer angles of all kinds, quickly and precisely. They are essential in carpentry, cabinet making, structural steel work and the construction of kitchens and staircases.





Nedo mEssfix - the original



Nedo mEssfix

The Nedo **mEssfix** is a thoroughly tried-and-tested telescopic measuring stick, designed to measure the widths of openings. Nedo **mEssfix** - the original. Simply place the **mEssfix** in position, pull out the extensions and read off the measurement from the analogue display.

All **mEssfix** units conform to accuracy class II $\Delta l = 0.3 + 0.2 \cdot L(m)$

Features:

- Rugged telescopic measuring stick
- Housing made of impact-resistant plastic
- Bubble for horizontal and vertical alignment
- Sections made of sturdy, rectangular-profile aluminium
- Supplied with case as a standard
- Made in Switzerland



Nedo mEssfix

Ref.-No.	Measuring range	Length retracted	Graduations	Weight	Incl. case
F 180 111	0.37 m to 1.00 m	0.37 m	mm	0.7 kg	yes
F 280 111	0.53 m to 2.00 m	0.53 m	mm	0.9 kg	yes
F 380 112	0.70 m to 3.00 m	0.70 m	mm	1.1 kg	yes
F 480 111	0.86 m to 4.00 m	0.86 m	mm	1.4 kg	yes
F 580 111	1.07 m to 5.00 m	1.07 m	mm	1.7 kg	yes

Nedo mEssfix with Messdorn for Roller Shutter Constructors

Ref.-No.	Measuring range	Length retracted	Graduations	Weight	Incl. case
F 181 111	0.47 m to 1.10 m	0.47 m	mm	0.8 kg	no
F 281 111	0.63 m to 2.10 m	0.63 m	mm	1.0 kg	no
F 381 111	0.80 m to 3.10 m	0.80 m	mm	1.2 kg	no
F 481 111	0.96 m to 4.10 m	0.96 m	mm	1.5 kg	no
F 581 111	1.17 m to 5.10 m	1.17 m	mm	1.8 kg	no



Nedo **mEssfix compact**

The lightweight and handy telescopic measuring stick **mEssfix compact** is an aggressively priced alternative to the mEssfix. It is designed to measure interior dimensions quickly, reliably and with the utmost ease. Simply place the **mEssfix compact** in position, pull out the extensions and conveniently read off the measurement from the analogue display. Ideal in interior outfitting.

Nedo **mEssfix compact** is very handy thanks to its compact dimensions, its light weight and its round telescopic tubes.

All mEssfix units conform to accuracy class II $\Delta l = 0.3 + 0.2 \cdot L(m)$.

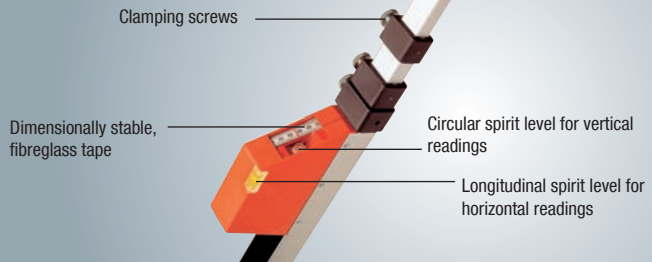
Features:

- Compact dimensions
- Robust display housing with horizontal/vertical bubbles
- Circular telescopic tubes for convenient handling
- Supplied with case as a standard
- Made in Switzerland



Nedo **mEssfix compact**

Ref.-No.	Measuring range	Length retracted	Graduations	Weight	Incl. case
F 380 211	0.60 m to 3.04 m	0.60 m	mm	0.9 kg	yes
F 580 211	0.91 m to 5.01 m	0.91 m	mm	1.4 kg	yes



Nedo mEssfix-S

With a measuring range of up to 8 m the **mEssfix-S** is the ideal helper on the construction site, e.g. for work on scaffolding, for measurements of facades or for the determination of clearances. The display is attached on the upper end of the rod which allows for a convenient read-off.

All **mEssfix-S** units conform to accuracy class III $\Delta l = 0.6 + 0.4 \cdot L(m)$

Features:

- Measuring ranges: 5 m, 6 m and 8 m
- Display unit contains two integral spirit levels, conveniently placed at eye level
- Circular spirit level for vertical alignment
- Longitudinal spirit level for horizontal alignment
- Tape winding spring made of best quality spring steel
- Telescopic sections made of sturdy, rectangular-profile aluminium
- Clamping screws allow extending sections to be locked in any position
- Supplied with case as a standard



Nedo mEssfix-S

Ref.-No.	Measuring range	Length retracted	Graduations	Weight	Incl. case
F 580 151	1.03 m to 5.00 m	1.03 m	mm	2.0 kg	yes
F 680 151	1.20 m to 6.00 m	1.20 m	mm	2.4 kg	yes
F 880 151	1.53 m to 8.00 m	1.53 m	mm	2.6 kg	yes

Nedo Bluetooth Module BlueConnect 2

The module permits simple wireless transmission of measured data to a laptop computer.

Ref.-No. 585 230

Nedo Memory Module

Stores up to 511 values measured with a mEsstronic

Ref.-No. 585 115



mEsstronic
Easy

mEsstronic



Nedo mEsstronic Easy and mEsstronic

Nedo **mEsstronic Easy** and **mEsstronic** are easy-to-use electronic measuring tools for the skilled tradesman. Simply place the mEsstronic in position, pull out the extending sections and read off the measurement from the digital display.

In addition to the functions offered by the **mEsstronic Easy**, the **mEsstronic** is equipped with a port for a memory module or a Bluetooth module.

Features:

- Reliable Nedo digital technology
- Mechanical components based on proven mEssfix technology
- Accuracy: ± 1 mm
- Power supply: 4 x 1.5 V batteries type (AA) or 4 x 1.2 V rechargeable batteries
- Operation duration: approx. 200 hours (continuous use)
- Automatic switch-off after 3 minutes of non-use
- Zero function: Sets reference points for relative measurements
- Hold function: Permits use in almost inaccessible places and read-off when convenient
- Nedo mEsstronic: Internal memory for 10 values
- Nedo mEsstronic: Port for memory module or Bluetooth module

Nedo mEsstronic Easy

Ref.-No.	Measuring range	Length retracted	Graduations	Resolution	Weight	Incl. case	Incl. bubble
583 121	0.70 to 3.00 m	0.70 m	mm	1 mm	1.3 kg	no	yes
585 121	1.04 to 5.00 m	1.04 m	mm	1 mm	2.1 kg	no	no

Nedo mEsstronic

Ref.-No.	Measuring range	Length retracted	Graduations	Resolution	Weight	Incl. case	Incl. bubble
583 111	0.70 to 3.00 m	0.70 m	mm/inch	1 mm	1.4 kg	no	yes
585 111	1.05 to 5.00 m	1.05 m	mm/inch	1 mm	2.1 kg	no	yes

Distances up to 50 m, as quick as a flash and exact down to the last millimetre.



Nedo *laser mEssfix 50*

The *laser mEssfix 50* is a small, handy and robust laser distance meter for real professionals. It features a measuring range of 0.05 m to 50 m and an accuracy of ± 2.0 mm.



Features:

- Measurements can be made from the device's front edge or back edge
- Clear 2-line display
- Area and volume calculation
- Pythagoras function
- Single or continuous measuring
- Addition / Subtraction
- Small, handy and robust
- IP 54 splashwater protection
- Information on range and accuracy comply with ISO 16331-1

Nedo *laser mEssfix 50*



Ref.-No.	705 584
Typ. measuring accuracy	± 2.0 mm
Measuring range	0.05 m to 50 m
Laser	laser class 2, 635 nm
Automatic switch-off	after approx. 3 minutes
Power supply	2 x 1.5 V type AAA batteries
Measurements per battery set	approx. 5000
Dimensions	approx. 116 mm x 45 mm x 29 mm
Weight	100 g

Leica DST360 adapter for Point to Point measurements (P2P)

The Leica DST360 adapter lets you measure horizontal and vertical angles and transmit them automatically to the DISTO™ X3 or X4. In this way you can use the DISTO™ X3 or X4 for quick, accurate measurement of distances between any two points in space, even when they are inaccessible. A fine adjustment facilitates targeting.

Ref.-No. 705 588



Ref.-No. 705 586



Ref.-No. 705 587



Ref.-No. 705 589

Leica DISTO™ X3 and X4

The **DISTO™** models **X3** and **X4** combine innovative measurement technology with an extremely robust design for use on construction sites. **DISTO™ X4** is equipped with a digital pointfinder, making it perfect for outdoor applications.

Features:

- Accuracy: ± 1.0 mm
- Measuring range: 0.05 m - 150 m
- Passes drop tests from up to 2 m height
- Protected against water jets and dust as per IP 65
- Integrated 360° tilt sensor
- Integrated acceleration and position sensors for innovative measurement functions
- Rotatable display
- Simple, intuitive operation
- Bluetooth® smart interface
- DISTO™ X4 with digital pointfinder (camera) and 4x zoom
- Information on range and accuracy in accordance with ISO 16331-1

Leica DISTO™ X3 and X4

The complete set with tripod and DST360 adapter for Point to Point measurements in interior finishing and outdoor applications.





Nedo Super Measuring Wheel

For accurate measurement of long distances.

Nedo measuring wheels are ideal for accurate measurement of distances in road construction, walkway construction and track laying.

The Nedo **Super measuring wheel** meets the highest standards in terms of precision, quality and reliability. Thanks to tight manufacturing tolerances and a high-quality counter, its accuracy is $\pm 0.02\%$, which corresponds to a maximum error of **± 2 cm over a distance of 100 m**. The counter, which has a display resolution in cm, is mounted securely above the wheel and is driven by a toothed belt. Zero setting is done with a hand lever. The brake is integrated into the sturdy rest support. The ergonomic pistol grip and the rugged aluminium guide bar make handling easy at all times. A clever mechanism permits the guide bar to be folded away for transport.



Transport case for Nedo Super measuring wheel.

Ref.-No. 752 111

Nedo Super Measuring Wheel

Ref.-No.	702 111
Wheel circumference	1 m
Measuring range	0 to 9,999.99 m
Counter arrangement	central
Resolution	0.01 m
Weight	approx. 3.65 kg
Tolerance	$\pm 0.02 \%$



The lightweight measuring wheel „Professional“ additionally features a reset button integrated into the pistol grip.



All Nedo lightweight measuring wheels can be supplied as a set with a convenient trekking rucksack.

Nedo Lightweight Measuring Wheels

The Nedo **lightweight measuring wheel** stands out thanks to its sturdy, ergonomic design. The abrasion-proof precision wheel and the precision counter ensure exact measurements. The pistol grip with an integrated brake button makes handling easy. A clever hinge mechanism permits the guide bar to be folded away, reducing the package dimensions to a minimum.



Mini Measuring Wheel
Small and compact



Lightweight Measuring Wheel Econo
Attractive price



Lightweight Measuring Wheel Deluxe
Robust and reliable



Lightweight Measuring Wheel Professional
Easy handling



Lightweight Measuring Wheel Digital
Digital display with cm resolution

	Mini Measuring Wheel	Lightweight Measuring Wheel Econo	Lightweight Measuring Wheel Deluxe	Lightweight Measuring Wheel Professional	Lightweight Measuring Wheel Digital
Ref.-No.	703 113	703 116	703 111	703 112	703 118
Ref.-No. Set (with trekking rucksack)	703 125	703 126	703 115	703 120	703 128
Wheel circumference	0,5 m	1 m	1 m	1 m	1 m
Measuring range	0-9,999.90 m	0-9,999.90 m	0-9,999.90 m	0-9,999.90 m	0-9,999.99 m
Resolution	0.01 m	0.01 m	0.01 m	0.01 m	0.01 m
Weight	1.2 kg	2.1 kg	2.3 kg	2.4 kg	1.85 kg
Tolerance	± 0.05%	± 0.05%	± 0.05%	± 0.05%	± 0.05%

Degrees can be read off immediately
from the analogue display.
Display graduations: $\pm 0.5^\circ$
Measuring accuracy: $\pm 0.25^\circ$



Nedo Winkelfix

With the Nedo **Winkelfix**, measurements of angles are performed quickly, precisely and with the utmost ease.

Simply place the Nedo **Winkelfix** in position and the angle can be rapidly read off from the analogue display. Two integral spirit levels ensure true horizontal and vertical positioning. Thanks to its reliability, sturdiness and convenience, the Nedo **Winkelfix** has proven its value to the building trade over and over again.

You too will find measuring angles easier with one of our five **Winkelfix** models!



Winkelfix long



Winkelfix classic and mini



Winkelfix maxi and shorty



Nedo Winkelfix

Ref.-No.	Shank length	Graduations	Measuring range	Compass points	Weight	Incl. case
450 111 mini	430 mm	degrees	0° to 180°	no	0.9 kg	yes
450 121 classic	600 mm	degrees	0° to 180°	no	1.4 kg	yes
500 101 shorty	305 mm	degrees	0° to 180°	no	0.7 kg	yes
500 111 maxi	600 mm	degrees	0° to 180°	yes	1.4 kg	yes
510 111 long	1500 mm	degrees	0° to 180°	yes	2.6 kg	yes

Winkeltronic

Degrees can be read off immediately from the digital display.
Display graduations: $\pm 0.05^\circ$
Measuring accuracy: $\pm 0.1^\circ$



• Illuminated display
• 0.05° Resolution



Supplied with case as a standard

Nedo Winkeltronic

The premium digital angle measuring tool for exact measuring and transferring of angles. Accuracy of $\pm 0.1^\circ$. Extremely robust and reliable. New with illuminated display, 0.05° resolution and case.

Features:

- Accuracy: $\pm 0,1^\circ$
- Illuminated display
- Automatic switch-off after 3 minutes of non-use
- Hold functions keep a value on the display
- Zero adjustment at any shank angle
- Integrated horizontal and vertical spirit levels
- Supplied with case as a standard
- Power supply: 4 x 1.5 V (AA) batteries or 4 x 1.2 V rechargeable batteries

Nedo Winkeltronic

Ref.-No.	Shank length	Resolution	Measuring range	Weight	Incl. case
405 216	450 mm	0.05°	0° to 352°	1.2 kg	yes
405 316	600 mm	0.05°	0° to 355°	1.5 kg	yes
405 317	750 mm	0.05°	0° to 355°	1.8 kg	yes



Nedo Winkeltronic Easy

Digital angle measuring tool for measuring and transferring angles. Thanks to its light weight and large display, the Winkeltronic Easy is ideal for use on construction sites, especially for interior outfitting.



Features:

- Accuracy: $\pm 0.2^\circ$
- Automatic switch-off
- Hold function keeps a value on the display
- Zero adjustment at any shank angle
- Integrated horizontal and vertical spirit levels
- Supplied with case as a standard
- Power supply: 2 x 1.5 V (AA) batteries or 2 x 1.2 V rechargeable batteries
- Measurements of absolute, relative and opposite angles



Supplied with case
as a standard

Nedo Winkeltronic Easy

Ref.-No.	Shank length	Resolution	Measuring range	Weight	Incl. case
405 100	400 mm	0.1°	0° to 200°	0.65 kg	yes
405 120	600 mm	0.1°	0° to 200°	0.88 kg	yes



Nedo LaserWinkeltronic

The Nedo **LaserWinkeltronic** combines the advantages of the latest laser technology with the proven technology of the Nedo Winkeltronic. Many applications, such as measuring and adjusting angles when installing staircases, interior outfitting, modernisation projects and measuring roof angles are considerably simplified by the use of laser technology. Time-consuming conversions are eliminated and deviations from straight lines can be seen immediately. The laser beam travels in straight lines from the shanks of the instrument extending them up to 20 m. The Nedo **LaserWinkeltronic** is available with one or two laser beams.



Features Winkeltronic:

- Resolution: 0.05°
- Accuracy: $\pm 0.1^\circ$
- Illuminated display
- Automatic switch-off after 3 minutes of non-use
- Hold function keeps a value on the display
- Zero adjustment at any shank angle
- Integrated horizontal and vertical spirit levels
- Power supply: 4 x 1.5 V batteries (AA)

Features Laser:

- Laser class 2
- Visible red laser beam, wavelength 635 nm
- Beam diameter: 6 mm
- Range: approx. 20 m, depending on surrounding conditions
- Accuracy: ± 0.5 mm/m
- Power supply: 2 x 1.5 V batteries (AAA)

Nedo Winkeltronic

Ref.-No.	Laser modules	Shank length	Resolution	Measuring range	Weight	Incl. case
460 613	1	605 mm	0.05°	0° to 360°	1.5 kg	no
460 612	2	605 mm	0.05°	0° to 360°	1.5 kg	no



Precise surveying and measuring

Nedo GmbH & Co. KG

Hochgerichtstrasse 39-43
D-72280 Dornstetten

Phone +49 (0) 7443 24 01-0
Fax +49 (0) 7443 24 01-45

info@nedo.com
www.nedo.com



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