

Universal rotary laser



INTERIOR FINISHING AND BUILDING CONSTRUCTION

Rotary lasers have become an indispensable tool interior finishing work and building construction. Their primary use is to autonomously radiate 360° beam circles. Laserliner's modern rotary lasers are able to perform many additional diverse tasks. Their reliability and accuracy have proved themselves in practical applications, even in very unusual situations.

Powerful technology



AUTOMATIC LEVEL

Automatic alignment of the device with a magnetically dampened pendulum system. The devices are set to their initial position and align themselves automatically in a matter of seconds.



ANTI SHAKE

Additional function for all units with „Sensor Automatic“ : The electronic permanently levels the units even if these are moving. For quick levelling, on vibrating surfaces and windy weather.



SENSOR AUTOMATIC

Electronic vials and positioning motors controlled by temperaturestable sensors for automatic alignment of devices. The devices are set to their initial position and align themselves automatically.



ADS

Tilt Prevents erroneous or inaccurate measurements: Continuous monitoring of the alignment of the laser is activated 30 or 45 seconds after automatic levelling. Measurements will be suspended as a precaution if the device is disturbed unintentionally or moves due to the influence of external factors.



lock

Transport LOCK: Units with „Automatic Level“ are protected with a pendulum lock during transport. A special motor lock protects units with „Sensor Automatic“.



IP 54 IP 66

Protection against dust and water – The measuring tools are characterised by specific protection against dust and rain.



Laser 532 nm

Green looks 12 times brighter than red. This makes possible applications on dark surfaces, over long distances and working even in very bright ambient light conditions. A red laser with a wavelength of 635 nm is used as reference for the difference in brightness.



2 3R

Laser classes



Laser 635 nm

Rotary lasers with 635 nm technology have a large temperature range in which they operate reliably. Visibility is limited to indoor area applications.



Battery system recharge with original accessories



Interior finishing and building construction

Laser receiver technology



Device operation is made easier by infrared remote controls. Furthermore, measurement results are bound to be reliable, since the position of the measuring tools does not change.



HIGH SPEED

The receiver speeds up response times - rapid detection accelerates work rates.



The SpotLite function – a projected light beam at the height of the laser beam – makes precise marking easy and prevents parallax errors.



For many measuring tools, the key to optimum working is magnetic adhesion. This leaves the hands free to complete other tasks.

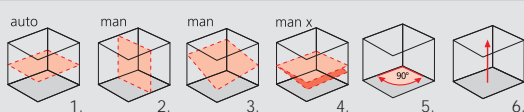


IP 66

Protection against dust and water – The measuring tools are characterised by specific protection against dust and rain.



Laser reception range	red	green
SensoLite 120	120 m	120 m
SensoLite 310	300 m	200 m



The space grids show the laser planes and functions.
 1. Horizontal levelling 3. Slope function 5. 90° angle
 2. Vertical levelling 4. Slope function of one axis 6. Plumb function

auto: Automatic alignment **man:** Manual alignment



Overview

						
	BeamControl-Master	AutoSmart-Laser	AquaPro	Quadrum	Centurium Express	Revolution
Horizontal	manual	auto	auto	auto	auto	auto
Vertical	manual	auto	manual	auto	auto	auto
Accuracy mm / 10 m	2	4	2	1	0.75	0.75
Plumb laser up	•	•	•	•	•	•
Plumb laser down				•	•	
Levelling range		4°	3.5°	5°	4°	4°
Levelling principle	manual	Sensor-Automatic	Automatic-Level	Sensor-Automatic	Sensor-Automatic	Sensor-Automatic
AntiDriftSystem (Tilt)				•	•	•
Vertical fine adjustment				•	•	•
AntiShake					•	•
Slope	manual		manual	DualSlope	DualSlope	Single-/DualSlope
Remote control				•	•	•
Receiver mode	•	•	•	•	•	•
Laser class	2	2	2	3R	2	3R

• = available

Rotary lasers for professional use



Laserliner instruments are available in sturdy carrying bags or hard-shell cases.
 SOFT: softbag
 HARD: plastic carry case
 ALU: case with reinforced aluminium corners



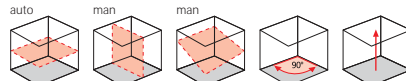
Inclusive: Quadrum Green, laser receiver SensoLite 310, universal mount, remote control, charger, rechargeable battery, battery holder, carrying case, batteries



AquaPro 120 set



Automatic rotary laser with laser receiver, tripod and levelling staff
 – Vertical alignment with adjustable foot
 – 3.5° self-levelling range, accuracy 2 mm / 10 m
 – Laser modes: rotary and hand receiver mode
 – Laser receiver range up to 120 m radius



Inclusive: AquaPro, SensoLite 120, universal mount, wall/floor base, aluminium lightweight tripod 165 cm, flexi levelling staff, softbag, batteries

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046.04.00A	4 021563 670598	1

PT

Inclusive



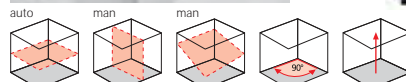
SOFT

Laser 635 nm
 2
 AUTOMATIC LEVEL
 lock
 IP 54
 5/8"
 6 x AA

AquaPro 310 S



Automatic rotary laser with rapid horizontal self-levelling
 – Vertical alignment with adjustable foot
 – 3.5° self-levelling range, accuracy 2 mm / 10 m
 – Laser modes: rotary and hand receiver mode
 – Laser receiver range up to 300 m radius



Inclusive: AquaPro, SensoLite 310, universal mount, wall/floor base, rechargeable batteries, charger, carrying case, batteries

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046.02.00A	4 021563 663835	1

IQ

RECHARGE 7h

HARD

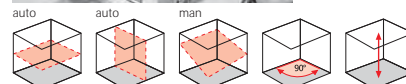
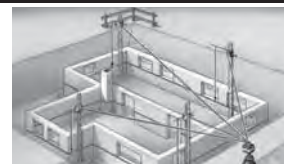
Laser 635 nm
 2
 AUTOMATIC LEVEL
 lock
 IP 54
 5/8"
 6 x AA



Interior finishing and building construction



Quadrum 310 S



- Fully automatic rotary laser**
- With additional red plumb laser
 - 5° self-levelling range, accuracy 1 mm / 10 m
 - Laser modes: spot, scan, rotary and hand receiver mode
 - All functions can be controlled remotely.
 - Laser receiver range up to 300 m radius

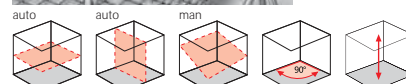
Inclusive: Quadrum, SensoLite 310, universal mount, remote control, rechargeable battery, charger, carrying case, batteries

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053.00.07A	4 021563 670772	1



Centurium Express 310 S

NEW



- Fully automatic rotary laser**
- 4° self-levelling range, accuracy 0.75 mm / 10 m
 - Laser modes: spot, scan, rotary and hand receiver mode
 - All functions of the rotary laser can be controlled with the remote control from up to 40 m.
 - The 4 IR receiving diodes allow this instrument to be remotely operated from all sides
 - Extremely high speed of max. 800 rpm for fast results in express hand-held receiver mode
 - AntiShake function for quick set-up on ground with slight vibrations and in strong wind
 - Laser receiver range up to 300 m radius

Inclusive: Centurium Express, SensoLite 310, universal mount, remote control, high-performance battery, battery holder, charger, carrying case, batteries

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056.100A	4 021563 682256	1



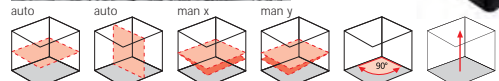
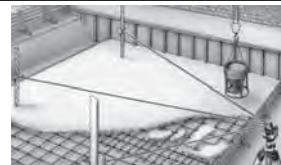


Revolution 310 S



- Fully automatic rotary laser**
- 4° self-levelling range, accuracy 0.75 mm / 10 m
 - Laser modes: spot, scan, rotary and hand receiver mode
 - Single-slope function for manual tilt of an axis in automatic operation, even if ADS tilt is active.
 - All functions can be controlled remotely using the Commander 50.
 - Laser receiver range up to 300 m radius

Optional: Systainer® version, Page 91



Inclusive: Revolution, SensoLite 310, universal mount, Commander 50, rechargeable battery, charger, battery holder, carrying case, batteries

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052.00.07A	4 021563 668557	1



SensoLite 120 set



- Laser receiver for rotary lasers**
- Laser reception range 120 m for red and green lasers
 - With head magnet
 - High-luminosity LEDs on front and rear

Inclusive: universal mount, battery

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026.50	4 021563 662845	1



SensoLite 310 set



- Laser receiver for rotary lasers**
- One LCD on the front and one on the rear
 - five-digit display, various acoustic melodies support the optical indicators
 - Extremely loud piezo buzz tone possible
 - Head and side magnets
 - Reception range 300 m for red lasers
 - 200 m for green lasers
 - Extremely durable design

Inclusive: universal mount, battery

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028.71	4 021563 663262	1

