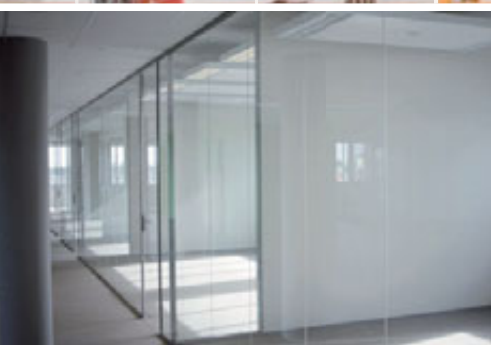


# Rotary laser for outdoor areas



# ABOVE AND BELOW GROUND CONSTRUCTION

Rotary lasers are used in above and below ground construction for the most diverse types of survey work. Their primary purposes involve exact levelling at great distance and for establishing alignments and slopes in all visibility conditions. The robust Laserliner rotary lasers are designed for rough construction site activity, even in extreme situations.

## Powerful technology



**SENSOR**  
AUTOMATIC

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



**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.



**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.



**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.



IP 66 IP 67

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



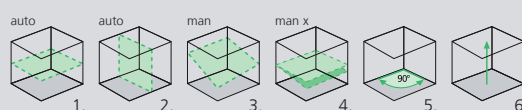
**HARD**

Laserliner instruments are available in sturdy carrying cases. **HARD**: plastic carry case

**FULL**  
7h

**SpeedPowerPack –**

Charging time with high-quality external quick-charger



The space grids show the laser planes and functions.

- 1. Horizontal levelling
- 2. Vertical levelling
- 3. Slope function
- 4. Slope function of one axis
- 5. 90° angle
- 6. Plumb function

**auto**: Automatic alignment

**man**: Manual alignment



Above and below ground construction

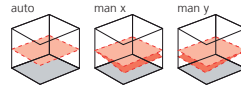
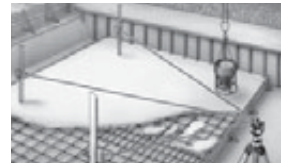
**DuraMax**

UPDATE



**Professional rotary laser of extremely durable design – horizontal levelling even under the harshest of conditions**

- 5° self-levelling range, precision 1 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.
- **optional SensoLite 310**  
Laser receiver range up to 300 m radius
- **optional SensoMaster 400**  
Laser receiver range in excess of 300 m radius



**DuraMax 310 S inclusive:** DuraMax, SensoLite 310, universal mount, Commander 50, rechargeable batteries, charger, carrying case, batteries

**ORDER NO. EAN-CODE PU**

027.00.06A 4 021563 663385 1

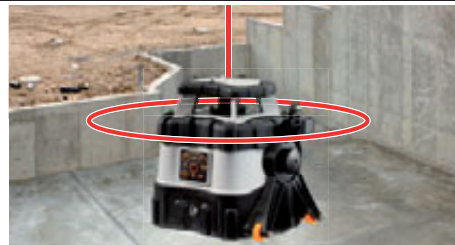
**DuraMax 400 S inclusive:** DuraMax, SensoMaster 400, universal mount, Commander 50, rechargeable batteries, charger, carrying case, batteries

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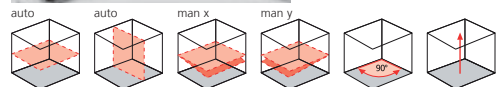
**Titanium**

UPDATE



**Fully automatic rotary laser of extremely durable design**

- 5° self-levelling range, precision 1 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.
- **optional SensoLite 310**  
Laser receiver range up to 300 m radius
- **optional SensoMaster 400**  
Laser receiver range in excess of 300 m radius



**Titanium 310 S inclusive:** Titanium, SensoLite 310, universal mount, Commander 50, rechargeable batteries, charger, carrying case, batteries

**ORDER NO. EAN-CODE PU**

045.00.07A 4 021563 663378 1

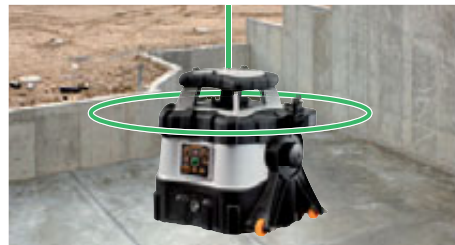
**Titanium 400 S inclusive:** Titanium, SensoMaster 400, universal mount, Commander 50, rechargeable batteries, charger, carrying case, batteries

045.00.10A 4 021563 665716 1



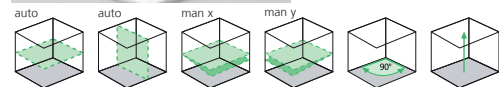
**Titanium Green**

UPDATE



**Extremely robust, fully automatic rotary laser with green laser technology**

- 5° self-levelling range, precision 1 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 200 m radius with optional SensoLite 310 laser receiver
- Green laser technology with 0°C - 50°C temperature range



**Inclusive:** Titanium Green, Commander 50, rechargeable batteries, charger, carrying case, battery

**ORDER NO. EAN-CODE PU**

045.00.01A 4021563 663361 1

**optional SensoLite 310 set**

Laser receiver, universal mount inclusive batteries

028.71 4 021563 663262 1

