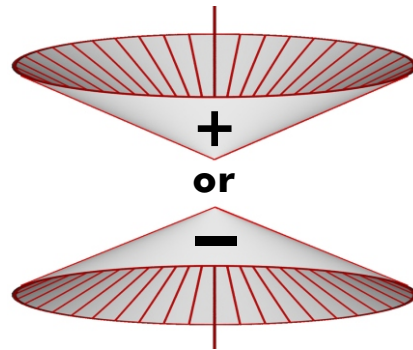


**Automatic**

**Cone Construction Laser KB-80L**



**The possibilities**



**High-tech  
made easy  
1, 2, 3  
set up  
switch on  
measure**



# Automatic Cone Construction Laser KB-80L

## Function

The automatic cone construction laser, type KB-80L is an all-around laser for horizontal use capable of electronic self-levelling over two axes.

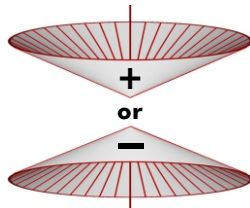
It emits a laser beam, which turns into a cone light plane as it rotates.

## Performance features

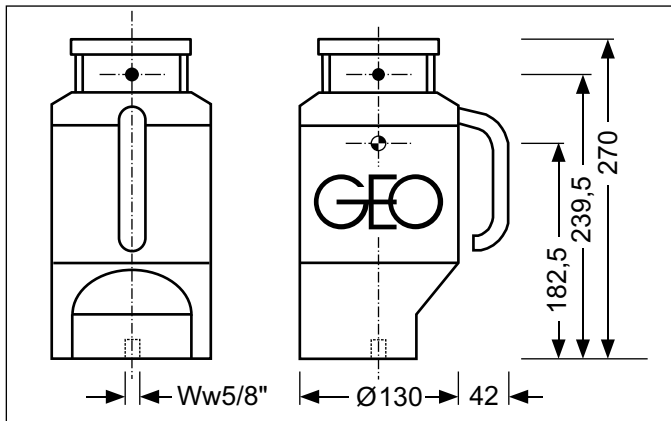
- **KB-80L**  
Laser class 2, output power < 1 mW.  
No special safety precautions necessary.  
The easy standard laser class.
- **Fully automatic**  
Automatic levelling and cut-out in case of low battery or jerky movements.
- **Automatic function can be switched off**  
Therefore inclination adjustment by points of reference is possible.
- **Illuminated, clearly legible LCD display**  
Self-explanatory, for on/off, device data, company data, lock function, operating status, battery level and menu.
- **Increased safety**  
Control indicators with blinking warning system for levelling, operating status and low battery.
- **Robust metal housing**  
Plastic coated, swept and filled with nitrogen, 100 % watertight.
- **Special laser beam quality**  
Diode laser with visible beam, high-powered lens, high life expectancy and low power consumption.
- **Lithium ion rechargeable battery**  
Operation time to 28 hours with one charge.  
Rechargeable in max. 5 hours without having to take out the battery.
- **Uncompromisingly easy**  
All you have to do is switch on/off. The rest is done by the KB-80L automatically.

- **Checking and adjustment**  
Easily possible at the building site as well. The device does not have to be opened for adjustment.

- **Please note:**  
Indicate the cone inclination  
+ % or - % in your order.



## Dimensional sketch



## Technical specifications

Laser class: . . . . . 2, < 1 mW  
 Laser: . . . . . diode laser, visible red, 658 nm  
 Beam diameter: . . . . . at laser 13 mm  
 Range: . . . . . to Ø 400 m  
 depending on ambient conditions, laser receiver and rotor speed  
 Self-levelling range: . . . . . ± 5 %  
 Permissible deviation: . . . . . ± 0.01 %  
 Rotor speed: . . . . . adjustable in steps of 0 to 800 RPM  
 Operating time with 7.4 V DC Li Ion recharg. battery: . . . . . to 28 hours  
 External power supply: . . . . . 11 to 14 V DC with cable 0117.02  
 Low battery cut-out: . . . . . yes  
 Watertight: . . . . . to 3.5 m  
 Temperature range: . . . . . - 10° C to + 50° C  
 Weight: . . . . . 3.4 kg  
 Adjustment: possible in the field without having to open the device  
 Guarantee: . . . . . 24 months

## Standard delivery package

No.	Order No.	Type	Description
1	0001.785	KB-80L	Rotary laser
2	0037.18	NE-80	Power supply/Battery charger
3	0077.36		Transport case
1-3	0001.785.1	KB-80L	with standard delivery package

## Optional accessories

No.	Order No.	Type	Description
1	1035.29		Lightning 2 laser receiver
2	1035.27	Storm	Laser receiver with digital data display
3	0009.39.1	LE-72	Laser receiver with digital data display
4	0059.06.1	ST-10	Alu. crank tripod, min. 0.55 m, max. 0.94 m
4	0059.01.1	ST-20	Alu. crank tripod, min. 0.93 m, max. 1.99 m
5	0085.03	LM5	Laser-Messfix S, 5 m
Further optional accessories on request			

**GEO - partner of the construction industry for over 50 years**

from:



# GEO-Feinmechanik GmbH

**Laser for civil and underground engineering, interior works, machine control**

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