Automatic Plumb Laser

Plumb-up Laser: LL-80L/LL-81L Plumb-down Laser: LL-82L/LL-83L





Automatic Plumb Laser

plumbing quickly and safely means: inexpensive

Functional description

The automatic plumb laser LL-80L/-81L is a laser for plumbing up, the automatic plumb laser LL-82L/-83L is a laser for plumbing down, capable of electronic self-levelling over two axes.

Performance features

LL-80L/-82L

Laser class 2, laser power < 1 mW. No special safety precautions necessary. The easy standard laser class.

LL-81L/83L

Laser class 3R, laser power < 5 mW, high-power version. Laser power adjustable in five steps.

Fully automatic

Automatic levelling and cut-out in case of low battery or jerky movement

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.

• Robust metal housing, 100 % watertight

Plastic-coated, swept and filled with nitrogen.

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 60 hours with one charge. Rechargeable in max. 5 hours without having to take out the battery.

Increased safety

Control indicators with blinking warning system for levelling, operating status and low battery.

Uncompromisingly easy

All you have to do is switch on/off. The rest is done by the LL-80 automatically.

Checking and adjustment

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

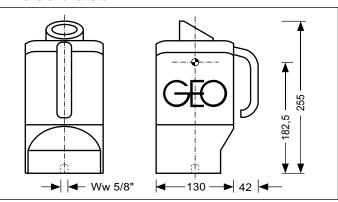
GEO quality guarantee

The new generation of lasers is the result of years of experience in the research, development and production of laser devices for the construction industry.

Technical specifications

Laser class LL-80L/-82L:
Range LL-80L/-82L: to 200 m Range LL-81L/-83L: to 500 m Self-levelling range: ± 5 % Permissible deviation: ± 5 mm/100 m
Operating time with 7.4 V DC Li lon recharg. battery
Temperature range: $$

Dimensional sketch



Standard delivery package

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No.	Order No.	Туре	Description
1	0001.4xx	LL-8x	Plumb laser
2	0037.18	NE-80	Power supply/Battery charger
3	0077.36		Transport case
4	0094.00.1		5/8"-hexagon bolt with nut and washer
5	0002.00	LL-ZT	Target with coordinates grid
1-5	0001.405.1	LL-80L	with standard delivery package
or			with standard delivery package
or			with standard delivery package
or	0001.435.1	LL-83L	with standard delivery package
-	8675.11		Extra Charge, Deviation: ± 2.5 mm/100 m



Optional accessories

No.	Order No.	Туре	Description
1	0117.02		12 V cable, 1,8 m, laser <> battery connect.
2	0061.07	ST-08	Plumb tripod
3	0061.15	BS-20	Ground tripod
4	0056.00.2		Quick-Fix base plate
5	0056.00.1		Standard tripod adapter with centre spigot
6	8803.06	KA-84	Claw adaptor, swivelling, system Leica/Wild
7	8869.00	DF-TZ	Tribrach, system Trimble/Zeiss
8	0033.13		Plumb-down laser adaption



GEO - partner of the construction industry for 50 years

From:

European Quality Product

Certified



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