



MIKROFYLN

# Levelling Laser

## MIKROLASER ML 11 *x*



Detector HS 10  
Powered by 9V  
alkaline battery

### Technical Specifications

Working range (interior, visible):	No
Working range (with laser sensor):	150 m
Accuracy:	1mm/20m
Levelling range:	±5°
Grade adjustment range, semi-automatic:	0 - 10%
Rotational speed, rpm:	600
Scanning:	No
Split beam:	No
Laser/Optics:	
Diode:	635 nm
Maximum output:	2.5 mW
Laser class:	Class 3A
Battery:	7.2 V Makita™ type - 1.4 Ah. Battery life, approx.: 20 hours Recharge time, approx.: 1 hour
Waterproof:	Yes (IP 67)
Dimensions (L×W×H), mm:	195×110×180
Weight with battery:	1800 g

The ML 11*x* is an automatic levelling instrument. The laser has been specially developed for the builder who needs to be able to work alone, quickly and accurately.

Set up of the laser is very simple. Just place the laser approximately horizontal, then the automatic self-levelling will correct the beam's position up or down. When the laser is used without slope, the automatic self-levelling keeps the beam horizontal, even if the laser is exposed to knocks and vibration.

As something very special for a laser in this price class, the ML 11*x* can work with slopes from 0 to 10% in the X-direction. To ensure maximum precision, the laser self-levels before moving to the set slope.

If the laser becomes exposed to knocks or vibrations whilst working with slope, a Level Alarm will be activated.

The ML 11*x* has a fixed rotation speed of 600 rpm, which also makes it well-suited for working with various Machine Control Systems.

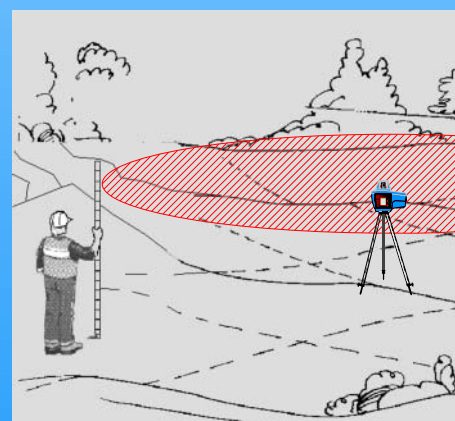
The ML 11*x* is built to be strong and robust, with the rotor head sealed in a glass housing, making the laser 100% watertight and dust-proof.

The ML 11*x* has an easy-to-read LCD display and a user-friendly control panel.

The display, where all messages are shown in the chosen language, gives information about the input slope, working mode and battery power.

The ML 11*x* is powered by the well-known 7.2V Makita™ type battery. Changing the battery is easy and doesn't require the use of tools. A full charge takes about an hour and gives a working time of approx. 20 hours.

The ML 11*x* is supplied in a transport case with battery, fast charger and Hand Detector HS 10.



**Your local dealer:**