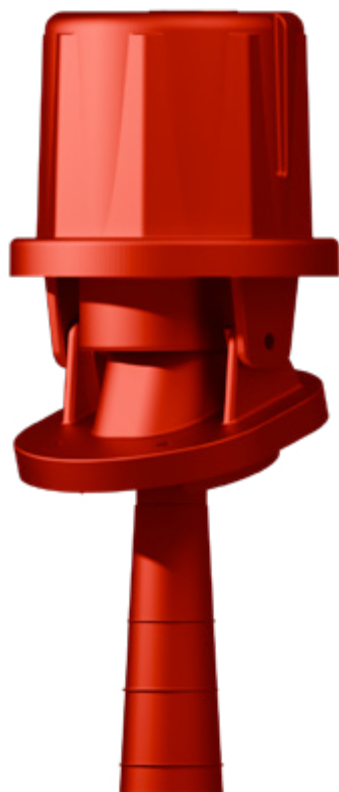




Laser technology to measure the level of solid materials inside silos and bins.

- + Easy, wireless installation.
- + No maintenance.
- + Customisable reading frequency.
- + Long life battery power supply.

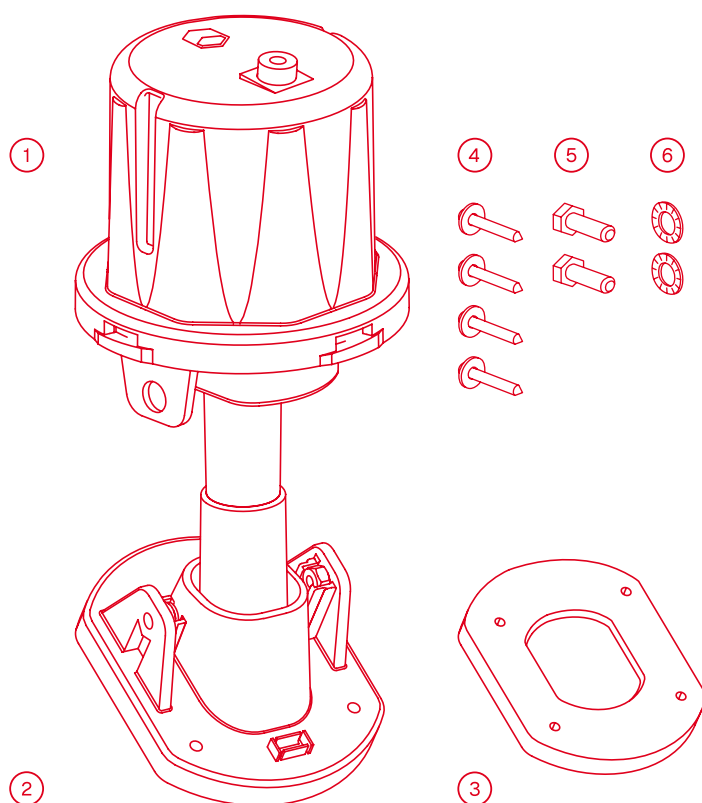
TECHNICAL SPECIFICATIONS

Measuring range	LM-1 Up to 10m.	LM-100 Up to 40m.
Operating temperature	From -15° to +55°.	
Voltage	Lithium battery 3.6 V. Capacity 19000 mAh.	
Battery life	Read every 2 hours: Up to 6 years. Read every hour: Up to 3 years. In continuous: not recommended with battery	
Sensor	Class II laser, <1mW, 635nm.	
Accuracy	+/- 3 mm.	
Measuring frequency	Preset to 2 h, customizable.	
Enclosure	IP65. High density polypropylene UV treated.	
Communication	Wireless. Radio frequency, free band use: 443 Mhz 868 Mhz, 905 Mhz, 922 Mhz, depending on country.	
Material	Solid materials, not recommended in dusty environments.	
Dimensions	355 x 120 mm.	
Data	The data measured by Silometric can be visualized on the web platform Digitplan . - Data export to a .xls file. - Data integration with other systems using a Web Service.	

OPTIONALS

Continuous reading	Customizable reading. 5V. power supply is required in continuous reading.
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DEVICE PARTS



- ① Silometric Dispositive
- ② Support
- ③ Rubber gasket
- ④ Self-drilling screws 4.8 x 32 mm
- ⑤ M-6 INOX screws
- ⑥ M-6 INOX washers

Check the Installation Manual for more detailed information.

INSTALLATION

- 1.** Drill a hole in the top of the tank, it is advisable to use a drill with a 40mm bit.
- 2.** Fit the rubber gasket (3) on the lower part of the bracket (2).
- 3.** Screw the bracket (2) tightening it over the hole, presenting the device Silometric (1) with the inclination to be mounted.
- 4.** Mark the position of the bracket (2) with a pencil and mount it with the self-drilling screws (4).
- 5.** Place the Silometric device (1) into the bracket, insert the washers (6) between the Silometric device.
- 6.** Tighten the screws (5), adjust the tilt according to the level bubble and tighten to secure it.