



## Rugged radar sensor designed for measuring liquid levels in tanks, silos or bins.

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

## TECHNICAL SPECIFICATIONS

Measuring range Up to 10 m.

Operating temperature From -40° to +85°.

Power supply 3.6 V, 19,000 mAh lithium battery.

Battery life Read every 2 hours: Up to 4 years.  
Read every hour: Up to 2 years.  
In continuous: not recommended with battery

Sensor 60 GHz Radar.

Accuracy +/- 3 mm.

Measuring frequency Preset to 2 h, customizable.

Enclosure High density polypropylene reinforced with glass fibre. UV treated.

Type of communication Wireless. Radio frequency, free band use: 443 MHz 868 Mhz, 905 Mhz, 922 Mhz, depending on country.

Data The data measured by Fluidmetric can be visualized on the web platform **Digitplan**.  
- Data export to a .xls file.  
- Data integration with other systems using a Web Service.

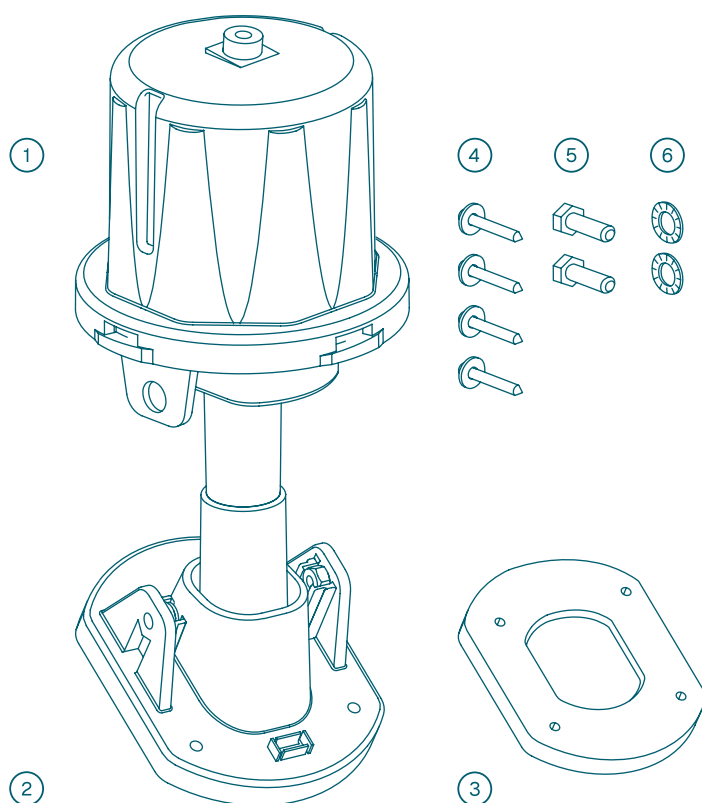
Dimensions 260 x 120 mm.

## OPTIONALS

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

Enclosure Ask for a different enclosure depending of the use case.

## DEVICE PARTS



- ① Fluidmetric 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 55mm 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 Fluidmetric (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 Fluidmetric device (1) into the bracket, insert the washers (6) between the Fluidmetric device.
6. Tighten the screws (5), adjust the tilt according to the level bubble and tighten to secure it.