

SPOHR water level meters

SPOHR water level meters are used for simple, quick and reliable measurements of water levels in wells, boreholes and water bodies.

operation

As soon as the zero-point of the plummet has reached the water surface, the signal LED at the cable reel lights up and an acoustic signal sounds.

As soon as the plummet of the level meter loses contact to the water surface, the signal LED and alarm turn off. Therefore the measurement point can be determined exactly. The measuring depth can be read directly from the cable.

accessories (optional)

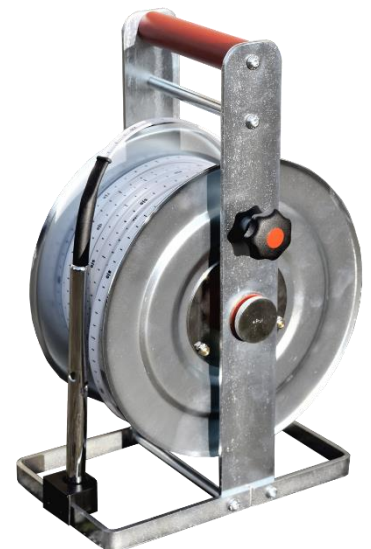
- screw-in **ground sensor** for measuring the bottom of wells
- screw-in **probe tips with snap-hook** to attach plummets or bailers
- **extra weight 250gr.**

The standard probe diameter is 15 mm. A special probe with 12 mm diameter is also available.

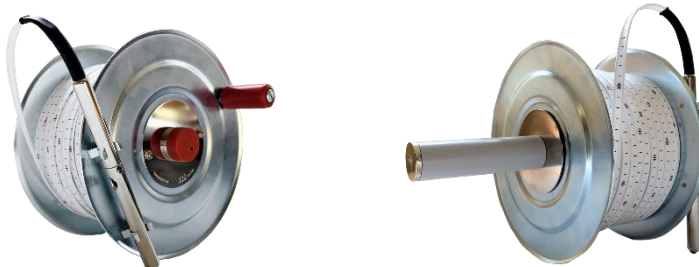
The high-precision-measuring-tapes are available with cm/mm markings or feet and 1/100th foot markings.



water level meter up to 50 m on hand reel



water level meter with galvanized support frame from 80 m cable length



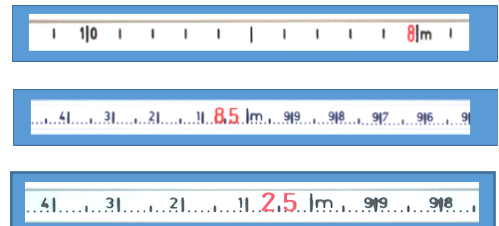
water level meter on big hand-reel with galvanized front-plates from 60 m cable length

specifications

tapes

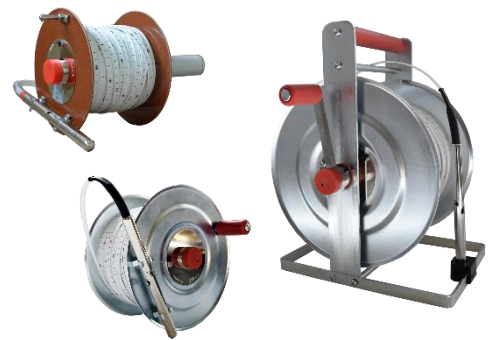
Flat-cable made of polyethylene with high-tensile steel braids and deeply pressed in, black cm/mm/ft-graduation and red meter digits, dumbbell-shaped cross section.

- graduation cm with black dm-numbering and red meter digits (standard)
- graduation mm with black cm-numbering and red meter digits
- graduation 1/100th ft with black 1/10th ft-numbering and red numbering per ft



cable reel

- light-weight hand-reel with break-proof laminated fabric disks for water level meters up to 50 m length
- big hand-reel with galvanized front-plates from 60m cable length
- rugged galvanized support frame for water level meters length 80 to 500 m
- water level meters up to 50 m length optionally also with support frame available



probe

- diameter standard probe 15 mm, length 190 mm with electrode made of stainless steel; special sealant, flexible and slender bend protection
- diameter special probe 12mm, length 155mm



electronic circuit

High sensitivity, high accuracy, no electric power consumption at non-usage.

batteries

Three commercial 1,5V batteries Micro AAA providing for a long time of operation; convenient replacement of the batteries.

All parts of the instrument are corrosion-resistant; the instruments are delivered ready for use including batteries.

For transportation and for protection of the water level meters optional leather bags (devices up to 50 m) or robust bags made of tarpaulin fabric (devices with support frame up to 250 m) are available.

