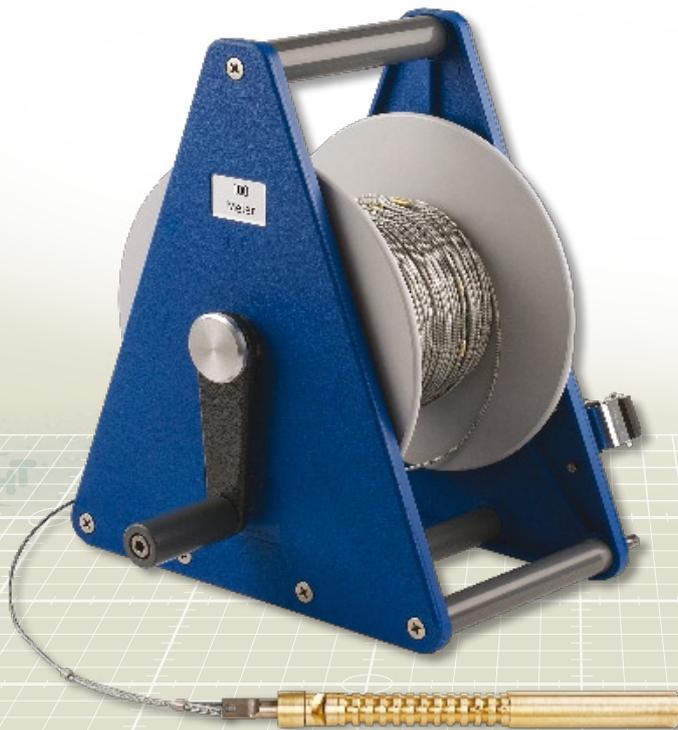


Well pipe with measuring tape / wire cable

The simplest method to **measuring water levels** in **wells** and **groundwater observation pipes**



• Well pipe with wire cable (optional)



• Well pipe with measuring tape





Description

A classic in ground water measuring technology, for reliable precise measurements. The complete measuring set consists of a well pipe and a cable drum with a steel measuring tape, or an optional wire cable. It is a purely mechanical measuring unit for the manual determination and calculation of groundwater levels. The well pipe, designed for use in wells, is very simple to operate and can be used in any location world-wide under all conditions. Even with non-conductive liquids, this measuring principle provides the ideal application.

Special characteristics

- **Cost effective:** purely mechanical measuring system
- **No wearing parts:** no batteries, lamps or electronic components
- **Easy to read:** excellent visibility, even in strong light
- **Environmentally-friendly:** made from 100% recyclable materials
- **Robust measuring unit:** for all conditions, and for evermore!

Areas of application

- Supervision and periodic control of water levels
- Operational in all locations where access to batteries and lamps is difficult
- Measuring of oil films and non-conductive liquids in ATEX- free zones

Properties

Well pipe material

- Stainless steel and brass

Available sizes

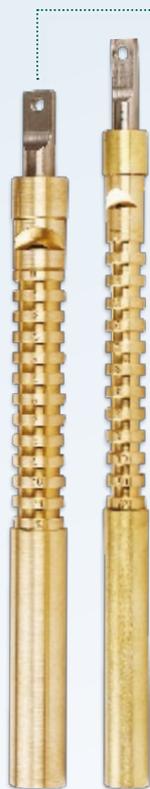
- 20 mm diameter - suitable for depths up to approx. 50 metres
- 27 mm diameter - suitable for depths up to approx. 100 metres

Cable drum

- Drum with control brake
- 2 mm wire cable, galvanized steel/ stainless steel optional
- Stable construction on triangular frame
- 1 metre or 5 metre markings

Measuring tape with edges

- Edges made of brass
- Stainless steel measuring tape, deep-etched in cm, dm, and metres



• up to 50 m • up to 100 m



Principles of function and calculation

The pipe is lowered into the borehole on the measuring tape. On contact with the water surface, a whistling sound is heard caused by the escaping air. The measurement can then be read off from the measuring tape, which is marked in centimetres, and the pipe is then pulled up. For an accurate calculation, read the value on the pipe shown at the uppermost notch filled with water. The difference from the marked zero-point to the reading at the water-filled notch is then added to the value from the measuring tape. In this way, the exact groundwater level is established.

Changes in performance features and technical data are permitted.

