



The elwa- Water Level Meter is a portable, sturdy high technology measuring equipment. Used for measuring of water levels in tube wells boreholes, tanks etc.

More than 25 years experiences by manufacturing and using water level meters have proved, that using sound indication obtains an exact result during measuring the ground water level!

elwa-teknik has faced the advantages, and equipped all elwa- Water Level Meters with both LIGHT- and SOUND-indication.

In this connection, elwa-teknik has developed a new and improved electronic circuit.

The elwa- Water Level Meters type PLS has:

- ✓ Non-stick flatcable (dogbone)
- ✓ Both light- and sound indication
- ✓ Built-in electronic switch
- ✓ Lower power consumption
- ✓ Waterproof electronic circuit
- ✓ Shockproof material (ABS)
- ✓ Ø 12 mm stainless steel probe
- ✓ Danish design



PLS 30...300

Technical specifications:

Type	Measuring depth Max. [m]	Height [mm]	Wide [mm]	Depth [mm]	Weight [kg]	Shipvolumen [Litre]
PLS - 30	30	370	260	220	2.5	21
PLS - 50	50	370	260	220	2.9	21
PLS - 75	75	370	260	220	3.4	21
PLS - 100	100	370	260	220	3.9	21
PLS - 150	150	410	310	230	5.1	29
PLS - 200	200	410	310	230	6.1	29
PLS - 250	250	410	310	230	7.0	29
PLS - 300	300	410	310	230	8.8	29

Measuring tape:

Non-stick two conductor non-stretch steel wire covered by pvc with permanent heat embossed numbers in metres and centimetres.

100% free of lead and chlorparaffin.

Dimensions: 9 x 2 mm. (Dog bone design for NON-Stick in the hole)

Probe (standard version):

Stainless steel AISI 303.

Ø 12 mm x 200 mm, weight 125 g. (PLS 30, 50)

Probe (special version for tanks with seawater):

Stainless steel AISI 303.

Ø 20 mm x 200 mm, weight 200 g.

Electronic circuit:

Integrated and waterproof. Built-in electronic switch

Low energy consumption.

Indication:

Sound: Frequency approx. 3 kHz, 80 dB.

Light: Ø 8 mm LED-diode, RED ultra bright.

Options: Adjustable sensitivity or on/off switch for acoustic indication.

Cable reel:

Shockproof plastic (ABS).

Frame:

Steel frame with built-in lock.

Battery:

9 Volt, alkaline, type 6LR61. 17 x 26 x 47 mm

Method of operation:

Lower the probe slowly down. When the electrode assembly reaches the water surface, the light and sound indication activates.

Now, the depth can easily be read from the measuring tape in metres and centimetres.

Other types and lengths on request!

15 to 1000 Metres.

elwa Water Level Meters are Danish quality products...

Subject to change without notice.