

WLMX SW 30/50/75/100 Data Sheet



Water Level Meter SW

The ELWA Water Level Meter SW is a compact, portable, reliable and sturdy piece of high-tech measuring equipment. Very easy to use and mainly used for measuring seawater levels in ballast tanks etc.

More than 45 years of experience with manufacturing and using water level meters has proved, that using both light and sound indication, obtains more accurate results during water level measurements.

All ELWA Water Level Meters are equipped with both light- and sound indication as standard.

ELWATEK continues to innovate and consistently improving our equipment. The electronic circuit, cable and reel are all thoroughly tested for best performance. When buying our products, you always get state-of-the-art technology.

WLMX SW Series standard features:

- ✓ Non-stick PE-coated ruler cable
- ✓ Printed metric markings
- ✓ Light- and sound indication
- ✓ Built-in electronic ON/OFF switch
- ✓ Adjustable sensitivity
- ✓ Low power consumption
- ✓ Waterproof electronic circuit
- ✓ ABS Shockproof reel and frame
- ✓ Ø 20 mm stainless steel probe
With detachable weight for easy cleaning

ACCESSORIES:



Carrying bag



Adapter for bailer



Acrylic Bailer

Model	Max depth	Height	Width	Depth	Weight	Probe size	Shipping volume
WLMX 30 SW	30 m	300 mm	240 mm	210 mm	1,86 kilo	Ø20x130mm	16 liter
WLMX 50 SW	50 m	300 mm	240 mm	210 mm	2,18 kilo	Ø20x130mm	16 liter
WLMX 75 SW	75 m	300 mm	240 mm	210 mm	2,87 kilo	Ø20x130mm	16 liter
WLMX 100 SW	100 m	300 mm	240 mm	210 mm	3,38 kilo	Ø20x130mm	16 liter

Measuring tape:

Clear PE-coating, twin wire-conductor with embedded steel ruler tape. Metric scale printed numbers (meter, centimeter and millimeter). Tape width: 10 mm. Accuracy: +/- 2,0mm

Probe (standard):

Stainless steel AISI 303.
Ø 20 mm x 130 mm, weight 180 g.

Probe (alternative):

Stainless steel AISI 303.
Ø 12 mm x 200/260 mm, weight 115/170 g

Electronic circuit:

Integrated and waterproof, built-in electronic switch, adjustable sensitivity, low energy consumption.

Indication:

Sound: Frequency 3000 Hz, 80 dB
Light: Ø 8 mm ultra-bright LED

Battery:

9 Volt, alkaline, type 6LR61

Cable reel:

Shockproof plastic (ABS).

Frame:

Shockproof plastic (ABS) with brake.

Options:

Sound On/Off switch, alternative probe.

How to operate:

Find a suitable reference point (tank edge etc.) Release brake and lower the probe slowly. When the probe is submerged the electrode touches the water surface. Light and sound indication is now activated instantly. Raise the probe slowly until light/sound stops. Accurate depth is now easily being read directly from the yellow ruler tape. If conductivity is high, sensitivity can be adjusted on potentiometer.

All ELWA Water Level Meters are quality products. Manufactured in Denmark EU, distributed and used worldwide.