



SVENSK PUMPSTYRNING AB

SÄKER STYRNING

SPS Level gauge



Our patented level meters are specially designed for measuring liquid and sludge levels in closed sewage tanks, water wells, fuel tanks, and other closed or open containers. The meters are also suitable for measuring water depth in waterways.

They are very easy to install and require no electrical installation. The level meters are powered by AA batteries, and a solar panel can be purchased as an optional accessory.

This is a reliable and easy-to-install level meter that measures the instantaneous liquid level in millimeters. The meters can easily be installed on both new and existing septic tanks, etc.

There are manual and digital meters available. With manual meters, the measurement is read directly on the unit. With digital meters, the measured value is displayed on a web landing page, where you receive your own login details for your specific level meter. There you can see information such as tank fill level, possible leakage, operating times, and unexpected level changes.

All meters are delivered complete and include, as standard, a 10-meter measuring hose. Installation accessories such as a freestanding mounting pole, ground mount, longer measuring hose, weather cover, solar panel, etc., are available as optional extras.

How does SPS Level gauge work?

Air is pumped through a hose down to the bottom of the tank, creating a counterpressure against the liquid level in the tank. The air pressure, which equals the water/sludge pressure, can then be measured in millimeters of water column (water height). For example, if the level in the tank is 500 mm (0.5 m), the level meter will simply display 500 mm. The meter is blown clean during each measurement, which eliminates the risk of clogging and makes it maintenance-free—an important advantage.



1. Press the pump button until the pointer on the manometer no longer increases its reading but falls back and stops. (Preferably with several short pump pushes)
2. When the pointer has stopped, the scale on the gauge shows the level of liquid in the tank.
3. On the next measurement if the value has dropped or gone down to zero.
4. The battery lasts for at least 2 years.
5. If your meter is equipped with a Red Pin:
Open the cover and set it at "full tank" i.e., the height of the tank with the red pin. Use a small screwcap tool.
6. If your meter is equipped with an overfill alarm, the alarm lamp will light up if the level has risen above maximum.

THE TANK SHOULD BE REPORTED FOR EMPTYING WHEN THE POINTER IS IN THE ORANGE AREA OR JUST BEFORE THE RED ARROW MARKING.



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