



The water level meter is part of the standard equipment for measurement of groundwater level. It is provided with a stainless-steel probe with a diameter of only 14 millimetres, which is connected to a measuring tape with centimetre graduation. The probe gives clear light and sound signals when the probe encounters a conductive liquid. The user can lift the cable slightly to stop the signal. The depth can then be easily read via the measuring tape. The product is accurate to approximately centimetre.

The purpose of the start/stop method of preliminary pumping is to limit the drop in water level such that the inflowing water draws many fewer soil particles into the filter pipe, which will result in much more accurate analyses. This water level meter can be connected to the Royal Eijkelkamp peristaltic pump.

Key Features

- Start/stop system for the Eijkelkamp peristaltic pump, to limit the drop of water level
- More accurate analyses
- Fewer soil particles into the filter pipe
- Sound and light signal when you reach the water level
- Easy to carry
- Available in two variants

Applications

- Geohydrological research
- Water quantity research

Standards & Directives

- The Dutch standard NEN 5744-2011 for the sampling of groundwater
- The American standard EPA504-S95-504 low flow (minimal drawdown) groundwater sampling procedure
- The international directive ISO 5667-11: 2009 sampling of groundwater (micro-purging section).



Technical Data			
Product Code	110340	110341/42 and 110343	11034201/4301/45/46/47/48/49
Measuring probe - materials	Stainless steel and electroplated brass, easy to clean		
Measuring probe - dimensions	Ø 12 mm, length 70 mm	Ø 15 mm, length 195 mm	
Measuring tape lengths	10 m	resp. 15, 30, 50 m	resp. 30, 50, 100, 150, 200, 300 and 500 m
Power supply	1x 9 Volt pack	4 x 1.5 Volt baby batteries	
Recommended storage temp.	+5 °C up to +30 °C, for battery protection		
Safety class for probe	IP 68, permanently pressure resistant		
Safety class measuring tape drum	IP 64, spray water resistant		
Measuring tape	• Bifilar strip made of white polyethylene with 2 stainless steel wires • Resistant to ultraviolet rays and to contaminated or salt water Metres printed in red; cm divisions and dm figures in black		

