

# PORTABLE SUSPENDED SOLID METRE

## APW MES

- IR OPTICAL SENSOR
- RELIABLE, ROBUST, WATERTIGHT
- UP TO 50 g/L MEASUREMENT



## PORTABLE TURBIDIMETER

Simple, Robust and Reliable! that the recipe PONSEL has been applying for 50 years.

The APW-MES delivers a direct indication in g/l of the concentration of particles in suspension in all type of sludges up to 50g/l. It measures the portion of infra red light transmitted through the sludge. Simple calibration in laboratory with a standard concentration is all what is required to perform these measurements.

The APW-MES

Specifications	
<b>Control box</b>	
<b>Power supply</b>	• 1 pile 9V battery
<b>Electronic box</b>	• Protection IP 65
<b>Dimensions</b>	• (h x w x d) : 161 x 81 x 55 mm <b>Weight</b> : 400 g
<b>Material</b>	• IP 65. Reinforced polyester with hinged IP 67 transparent cover
<b>Display</b>	• 2000 pts LCD display, 3 ½ digit. 18 x 46 mm
<b>Operating temperatures</b>	• from – 10.0°C to + 60.0°C
<b>Measured parameters</b>	• IR optical absorption (950nm) with automatic temperature compens
<b>Measuring range</b>	• 0 to 20 g/l for the APWMES-20. 0 to 50g/l for the APWMES50
<b>Accuracy</b>	• 2% of displayed value +/-21 digit
<b>Options</b>	• analog output
<b>Accessories</b>	• winding drum
<b>Sensor</b>	
<b>Process</b>	• IR optical absorption (950nm), pulsed emission (frequency 10 Hz) a regulated
<b>Material</b>	• delrin, polyuréthane and special glass, IP 68
<b>Dimensions</b>	• diameter 58 mm Length 210 mm
<b>Weight</b>	• 450 g
<b>Câble</b>	• 4 threads, coated shielded PU cable, 3 m standard length. (customize to 100 m on request, 40 g / m)