



AWP-24 Wave Height Gauge

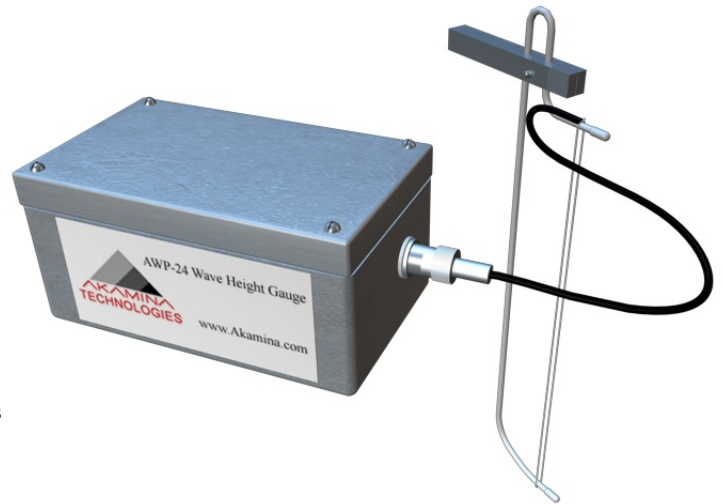
General Description

The AWP-24 Wave Height Gauge from Akamina technologies is a reliable and robust instrument for the measurement of wave heights and water levels. It combines a weatherproof enclosure, low power micro-controller and temperature stable electronics.

AWP-24 is the only wave height gauge that measures capacitance using purely digital techniques and with no energy discharge in water. It achieves fast response time, low power consumption, no interference, and very high accuracy and linearity.

Applications

- Monitoring waves in hydraulic models and ship tanks
- Wave and water level monitoring outdoors and in field applications
- Measuring water level changes from sub-millimeter to meter
- Ideally suited for measuring multidirectional waves and water surface geometry



Features

- Easily set up and calibrated
- No interference with other probes or instrumentation
- Measures capacitance digitally with no energy discharge
- High dynamic range, linear, and very accurate
- Low power consumption and fast response time
- Firmware and functionality is upgradeable
- Filtered analogue signal output for data capture

Specifications

Power supply:	8Vdc - 20Vdc
Power consumption:	21mA at 10V
Output signal:	-5Vdc to +5Vdc
Linearity:	0.2% of Full Scale
Accuracy:	0.2% of Full Scale
Time response:	5ms
Operating temperature:	-10°C to 50°C
Temperature coefficient:	0.03% of Full Scale/°C
Probe length:	10cm to >20m
Dimensions:	6.4 x 7.6 x 12.7cm

To learn more please contact us

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