



# AWP-24 Wave Height Gauge

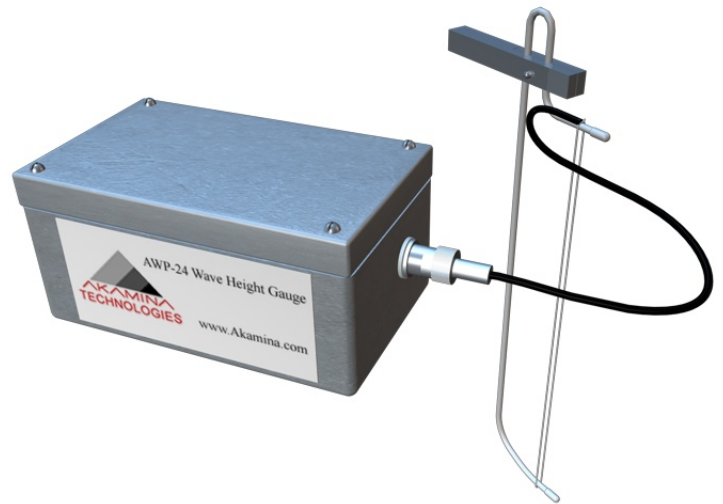
Less time calibrating, More time measuring

## Product Description

The AWP-24 Wave Height Gauge from Akamina Technologies is a reliable and highly linear and accurate instrument for the measurement of wave heights and water levels.

It combines temperature stable electronics and a high quality probe head. This results in extremely small calibration slope changes over temperature, making frequent calibrations redundant.

AWP-24 is the only wave height gauge that measures wave heights (capacitance) using purely digital techniques, with no energy discharge in water and no interference with the adjacent probes.



## Applications

- Monitoring waves in hydraulic models and ship tanks
- Measuring water level changes from sub-millimeter to meters
- Ideally suited for measuring multidirectional waves and water surface geometry

## Product Features

- Save time and money performing less frequent calibrations, thanks to temperature stable electronics and probe head
- Guaranteed linearity and accuracy over wide range of water temperature and ambient temperature
- Use multiple probes in close proximity in water without any interference with other probes or instrumentation
- Measures capacitance digitally with no energy discharge in water
- Low power consumption and fast response time
- Designed to operate in both fresh water and salt water
- Filtered analogue signal output for data capture
- Weatherproof enclosure

## Specifications

Linearity:	0.15% of Full Scale
Accuracy:	0.15% of Full Scale
Air temperature coefficient:	0.03% of Full Scale/°C
Water temperature coefficient:	0.03% of Full Scale/°C
Operating temperature:	-10°C to 50°C
Time response:	5ms
Output signal:	-5Vdc to +5Vdc
Power supply:	8Vdc to 20Vdc
Power consumption:	21mA at 10V
Enclosure dimensions:	6.4 x 7.6 x 12.7cm
Standard Probe lengths:	30 cm, 60 cm *

\* Custom probe lengths and single strand configuration are available upon request.

## To learn more please contact us

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