










Aquadopp Profiler 400 kHz [logo] found or type unknown

Up to 90 m current profiling range; ideal for mean current measurements

The Aquadopp Profiler is a highly versatile Acoustic Doppler Current Profiler (ADCP) available in four profiling range options, from < 1 m to > 85 m. Designed for simple yet powerful operation, this current profiler is packed with features used by engineers and researchers to enable accurate and effective hydrodynamic data collection in a variety of environmental conditions.

Applications

Highlights

-  Up to 90 m current profiling range
-  Ideal for mean current measurements
-  Easy to operate and deploy
-  Mean flow measurements with high focus on ease of use and simplicity
-  Measurements in flow regimes with strong variations in flow speeds
-  Studies of tidal currents
-  Measurements of combinations of waves and currents
-  Mounted on surface buoys
-  Suitable for wave buoys

Technical specifications

Water velocity measurements

Maximum profiling range	60-90 m
Cell size	1-8 m
Minimum blanking	1 m
Maximum number of cells	128
Measurement cell position	N/A
Default position (along beam)	N/A
Velocity range	±10 m/s
Accuracy	±1% of measured value ±0.5 cm/s
Velocity precision	Consult instrument software
Maximum sampling rate (output)	1 Hz
Internal sampling rate	3 Hz