

PRODUCT DATA SHEET

Cyclone CP

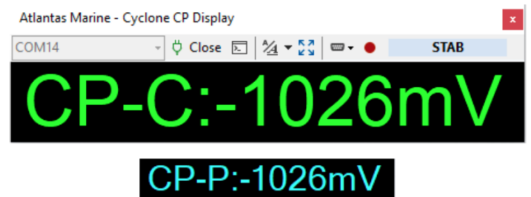
OVERVIEW

Cyclone CP is a compact and lightweight solution for Cathodic Protection surveys. Easily mounted to a wide range of ROVs for accurate cathodic protection measurement, display, and logging.



SPECIFICATIONS

Measurement Range	+5V to -5V
Measurement Resolution	1mV
Measurement Accuracy Typical	± 1mV
Measurement Accuracy Limit	± 0.05% + 2 digits
Input Absolute Maximum	+40V to -40V
Power Supply Voltage	24VDC (18v-32v)
Power Supply Current	40mA @ 24v (1W)
Data Baud Rate	User Selectable 19,200 to 115,200
Data Update Rate	1 – 5Hz
Data Format	Configurable ASCII and NMEA-style outputs
Depth Rating	500m
Weight in Air	520g
Weight in Water	275g
Size	80mm x 92.5mm x 50mm
Topside Display	Supplied with PC display and data logging software. Data may also be integrated directly into third-party video overlay systems.



BENEFITS

- + **Survey without divers**
Accurate CP data captured by ROV, cutting cost, risk and time on station.
- + **Deploy on almost any ROV**
Compact, lightweight and low-power, so it mobilises fast and fits the vehicle you already run.
- + **Trust in readings**
High-accuracy measurement (±1 mV typical) with advanced filtering for stable data in high-noise subsea conditions.
- + **Fit your workflow**
Contact, Proximity and Cell-to-Cell measurement with fully configurable output to your display or video overlay.

<https://www.atlantasmarine.com/product/cyclone-cp/>

FEATURES	+ Output rate up to 5 Hz for responsive, real-time readings	+ Contact, Proximity and Cell-to-Cell measurement modes	+ Small, lightweight and low power, 1W draw, easily ROV-mounted
	+ High-accuracy measurement (± 1 mV typical), 1 mV resolution	+ Configurable ASCII and NMEA-style outputs	+ Simultaneous RS232 / RS485 data output
	+ Advanced analogue and digital filtering for stable readings in high-noise subsea environments	+ Supplied with PC display and data logging software, or feed direct to a video overlay	+ 500 m depth rating

IN THE BOX	Cyclone CP System	Storage Case	Dummy Connectors
	Buckleys Contact CP Probe	USB Software/Manual and Calibration Certificate	Mounting Hardware (screws)
	Complete set of bare ended mating tails	Optional: Probe Mount & 6 Pin Moulded Power Cable	Zinc Test Block

PRODUCT GALLERY			
	Full system in Peli Case	Mounting Hardware	Cyclone CP System
			
Cyclone CP System & Buckleys Contact CP Probe	Zinc Test Block	Buckleys CP Probe	