

POLATRAK®

POLATRAK® DEEP C METER 300™ AND 300 AD™ ROV CATHODIC-PROTECTION SURVEY SYSTEMS

THE DEEP C METER 300 AND 300 AD ARE CATHODIC-PROTECTION SURVEY SYSTEMS DESIGNED FOR USE ON SMALLER ROVs.

The Polatrak Deep C Meter 300 and 300 AD are smaller, lighter, lower-priced systems designed for service on inspection-class ROVs. The internal components are shared with the Deep C Meter 3000, but the pressure housing and adjustable mount are Delrin rather than stainless steel. Both of these systems can work out-of-the-box on cathodic-protection survey projects down to 300 meters (1,000 feet), and the readouts feature programmable ultra-bright LED displays. Deep C Meter kits include an ROV II probe, an adjustable mount, whips, case and all standard replacement parts. As with all Polatrak-brand CP probes, the ROV II has twin silver-chloride electrodes for redundancy and for monitoring calibration during the survey.



DEEP C METER 300

The Deep C Meter 300 is self-contained; results are captured on video..

THE DEEP C METER 300

Completely self-contained

The Deep C Meter 300 runs on 9V alkaline batteries triggered by a photo cell, allowing the batteries to last an entire dive season without replacement. Since no interface to the ROV umbilical system is required, the Deep C Meter system can be installed quickly and easily on an ROV anywhere in view of the camera.

Accurate video data

All data are recorded on the video display. There is no need to record the data in the field via traditional means, which helps to minimize human error. The data can be interpreted onshore using the video recording after the survey is complete.

THE DEEP C METER 300 AD (WITH DIGITAL OUTPUT)

Accurate video and digital data

The Deep C Meter 300 AD provides output through three analog LED displays and a continuous RS232 (standard ASCII string) digital feed to provide real-time data points of events as they occur. The data can be exported to a report format to eliminate lengthy post-processing of data after a survey. Because it features triple voltmeters, the 300 AD can also provide simultaneous readings from an electric field gradient (EFG) probe that is available as an option (shown).

Works with ROV power

The Deep C Meter 300 AD is 24V DC ROV powered, which eliminates the need to open the pressure housing to change batteries. Cabling can be interfaced with the ROV either through a splice or oil-filled cables.

Easily serviced / repaired

All parts for both the Deep C Meter readout and the ROV II probe are serviceable, and each unit comes with a comprehensive spares package. Additional spare parts and repair service are available from Polatrak.

Heavier-duty versions available

For surveys in deeper water, the Deep C Meter 3000 is a heavier-duty version with stainless steel components designed for use with work-class ROVs in depths to 3,000 meters (10,000 feet).

More info at www.stoprust.com



300 AD DISPLAY

The bottom reading is for the optional electric field gradient (EFG) probe.



DEEP C METER 300 AD

Interfaces with ROV to provide real-time survey data stream.