

# POLATRAK®

## POLATRAK® DEEP C METER 3000™ AND 3000 AD™ ROV CATHODIC-PROTECTION SURVEY SYSTEMS

### THE DEEP C METER 3000 AND 3000 AD ARE THE PREMIER ROV CATHODIC-PROTECTION SURVEY SYSTEMS FOR USE IN DEEP WATER.

The Polatrak Deep-C-Meter is designed for rugged service on a work-class ROV. With a 316 SS pressure housing and a fully-articulating mount, this system can work out-of-the-box on cathodic-protection survey projects down to 3,000 m (10,000 feet). The readouts feature programmable ultra-bright LED displays. Deep C Meter kits include an ROV II probe, an articulated 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.

### THE DEEP C METER 3000

#### Completely self-contained

The Deep C Meter 3000 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 the ROV anywhere in view of the camera.

#### Accurate video data

All data are recorded on the video display, so there is no need to record the data in the field via traditional means. This results in less human error. The data can be interpreted from the video recording onshore after the survey is complete.

### THE DEEP C METER 3000 AD (WITH DIGITAL OUTPUT)

#### Accurate video and digital data

The Deep C Meter 3000 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 3000 AD can also provide simultaneous readings from an electric field gradient (EFG) probe that is available as an option.

#### Works with ROV power

The Deep C Meter 3000 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.

#### Light-duty version available

In addition to the systems described above (with stainless steel housings), the Deep C Meter 300 is a smaller, lighter, lower-priced, non-digital version made of Delrin that's available for use with smaller ROVs in depths to 300 meters.

More info at [www.stoprust.com](http://www.stoprust.com)



DEEP C METER 3000

The Deep C Meter 3000 is self-contained; results are captured on video..



3000 AD DISPLAY

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



DEEP C METER 3000 AD

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