

Product Overview

Deep C Meter™ ROV Cathodic Protection Survey System

The Deep C Meter is the premier ROV cathodic protection survey system 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 go to work out-of-the-box on cathodic protection survey projects down to 3000 m (10,000 feet). The Deep C Meter is self-contained, which means that there is no interface with the ROV umbilical. Just point a camera at the readout, grab the probe in the manipulator, and start to record accurate CP data from the LED readout. The Deep C Meter kit includes the ROV II Probe, articulated mount and all standard replacement parts.

Completely self-contained

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

As all data are recorded on the video display, there is no need to record the data in the field via traditional means, which subsequently eliminates human error. Someone onshore can interpret the data from the tape, after the survey is complete. And like all Polatrak brand CP probes, the ROV II probe used has twin silver chloride electrodes, for online calibration and redundancy.

Extended battery life

The unit runs on 9V alkaline batteries triggered by a photocell, allowing the batteries to last an entire dive season with continuous operation.

Easily serviced / repaired

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

Light duty version available

In addition to the system described above (with stainless steel housings), a smaller, lighter and more cost-effective Delrin version is available for smaller ROVs, for use in depths of up to 300 m (called Deep C Meter 300).

More info at www.stoprust.com



The Deep C Meter
Connected to the ROV II CP Probe, mounted on the dynamic ROV mount



The Deep C Meter in situ mounted to an ROV
The ROV II Probe is taking a stab reading



Subsea photo
Taken during a CP survey using dual Deep C Meter readouts