



BLUE LOGIC

001 REAL TIME MEASUREMENT

Easy and quick monitoring of current in subsea cables.

002 FLEXIBLE AND PRECISE

Fits all subsea cables up to Ø55mm and up to 100A. Accuracy within +/- 5% from 5A to 100A.

003 ROV OPERATED

Designed for ROV operation with fishtail handle. Spring-activated claw – click onto cable and read actual current instantly.

004 SUBSEA ACTIVATION AND RESET

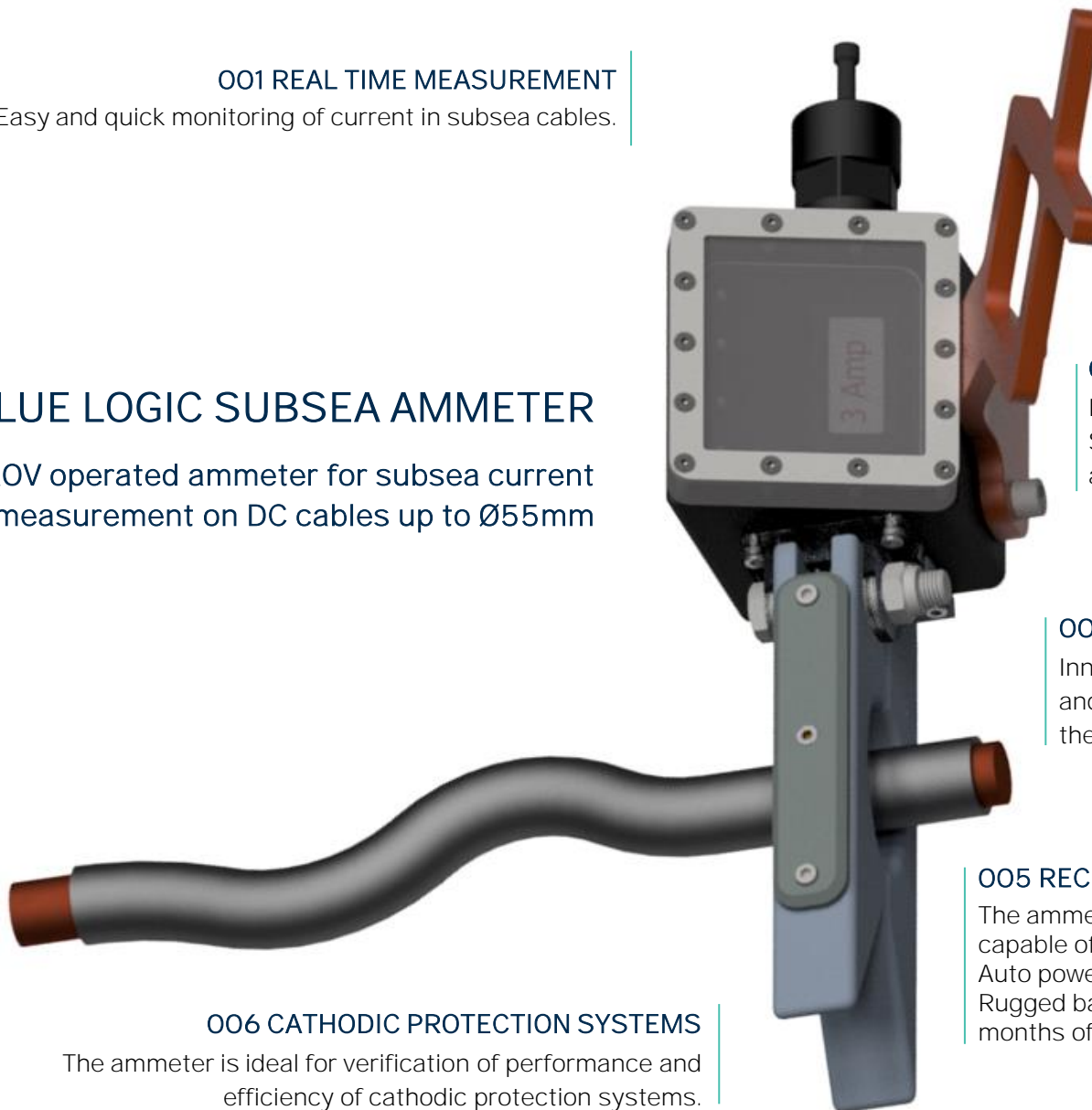
Innovative, magnet-activated switch for activation and reset. By swiping magnet close to the ammeter, the instrument will be activated and reset.

005 RECHARGEABLE BATTERY

The ammeter comes with integrated, rechargeable battery capable of 30 hours of operation when fully charged. Auto power off after 20 minutes for energy conservation. Rugged battery system with low discharge even after 12 months of storage.

006 CATHODIC PROTECTION SYSTEMS

The ammeter is ideal for verification of performance and efficiency of cathodic protection systems.





Blue Logic Subsea Ammeter

The Subsea ammeter allows for easy and reliable measurement of current in subsea cables. Can measure DC current up to 1000Ampere, standard version is 100A.

Although designed to verify DC current between anodes and a subsea structure, there are several other potential areas of use.

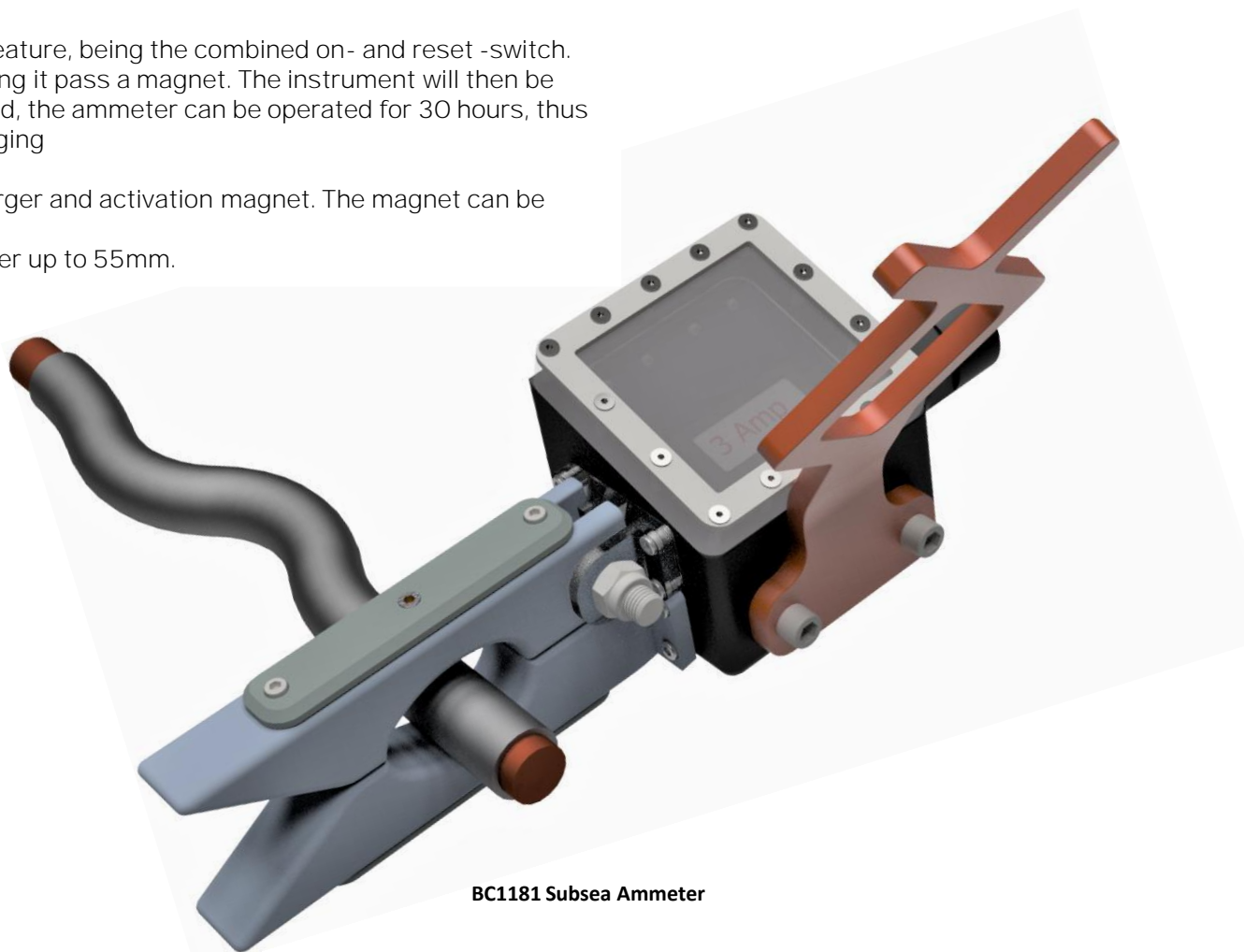
The ammeter is limited to one operational feature, being the combined on- and reset -switch. Activation and reset is simply done by swiping it pass a magnet. The instrument will then be activated for 20 minutes. When fully charged, the ammeter can be operated for 30 hours, thus no need to be recovered to surface for charging

Each ammeter is delivered with a 230V charger and activation magnet. The magnet can be installed onto the ROV for convenience. The instrument fits onto cables with diameter up to 55mm.

Technical Data

General Data	BC1181
Dimensions	500 x 260 x 150 mm
Weight, air/water	8,7 / 5,4 kg
Depth rating	200 m
Measurement range*	5 to 100A
Accuracy	±5%
Max cable diameter	Ø55 mm
Battery time	30 hours
Power off after	20 minutes
Battery charger	Std. 800mA, 100-240VAC with SubConn connector

* Default range 5-100A, optional range up to 1000A feasible



BC1181 Subsea Ammeter