



# SCOTIA INSTRUMENTATION

the prime source of  
instrumentation technology



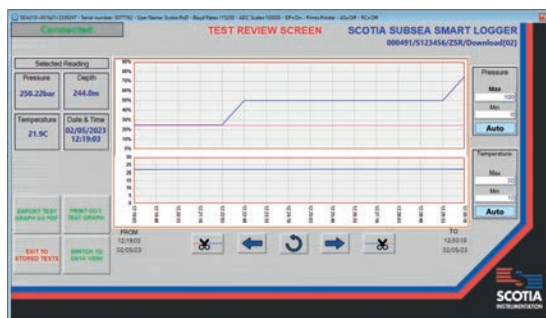
SSSL  
SCOTIA SUBSEA SMART LOGGER

The Scotia Subsea Smart Logger (SSSL) is the latest offering in Scotia's subsea range.

A first-of-its-kind system designed for long-term subsea pressure testing.

The SSSL is a stand-alone unit which uses two pressure transmitters and is able to measure process pressure, depth and temperature. The depth measurement enables the pressure to be corrected for depth. The unit is powered by its internal batteries and displays the parameters measured on a large display with clear characters on a high contrast back-reflective e-paper display. This display retains its last reading indefinitely so uses very little power. The system has a large internal memory allowing many readings to be recorded. The setup and download of the gauge are menu driven from a bespoke app running on a tablet.

- Max operating water depth of 1000m (Increased depths available on request)
- Pressure ranges: 0 - 1000 barg ± 0.1% FS (Additional ranges available on request)
- Ambient Temperature range -10 – 50°C ± 1°C
- Low-power, high-efficiency e-paper display
- High contrast, ultra-sharp digits
- Two pressure sensors – process and depth
- Displays pressure corrected for depth
- Rechargeable batteries with external charger, 2-hour charging time
- Charger with integral computer interface
- Maximum battery life is 4 months if sensors are mid-range
- 316L Stainless Steel housing
- Bespoke software for test management
- Process connection supplied with sacrificial ½" NPT(M) adapter
- Gauge dimensions: height 320mm, diameter 135mm, depth 155mm
- Weight in air: 6kg



Equipment supplied as standard: SSSL, activation plug, keypad, tablet, manual, Quick Start Guide, charger, Molykote 44 all contained in a custom protective carry case.



SEQual



#### HEAD OFFICE

Campus 1 ■ Aberdeen Science & Technology Park ■ Balgownie Road ■ Bridge of Don ■ Aberdeen ■ AB22 8GT  
Tel +44 (0)1224 222888

#### NEWCASTLE OFFICE

New York Industrial Estate ■ North Shields ■ Tyne & Wear ■ NE27 0QF  
Tel: +44 (0)191 296 3444

[sale@scotia-instrumentation.com](mailto:sale@scotia-instrumentation.com) ■ [hire@scotia-instrumentation.com](mailto:hire@scotia-instrumentation.com) ■ [repair@scotia-instrumentation.com](mailto:repair@scotia-instrumentation.com)  
[www.scotia-instrumentation.com](http://www.scotia-instrumentation.com)

