



SCOTIA INSTRUMENTATION

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of instrumentation
technology



SSDGL

Scotia Subsea Digital Gauge and Logger

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Equipment supplied as standard:
SSDGL, activation plug, keypad, tablet,
manual, Molykote 44 Medium grease,
charger, all fitted in a custom fitted
protective carry case.



DS-SSDGL-020

The Scotia Subsea Digital Gauge and Logger (SSDGL) is the latest offering in Scotia's subsea range. It combines the ease of use of a digital gauge with the benefits of a full logging system, and is fully rechargeable.

Designed specifically for subsea use, the gauge can display and log process pressure and temperature.

With subsea readability in mind, the large display with clear indicators has a backlight activated via a light sensor, which can be switched on using a flashlight from a diver, AUV, or ROV. The backlight deactivates after a selected period of time to save battery life.

- Large clear LCD with 15mm digits and status indicators
- Maximum water depth of 1000m (Increased depths available on request)
- Pressure ranges:
0 - 1000 barg \pm 0.1% FS
0 - 60 barg \pm 0.05% FS (Additional ranges available on request)
- Process Temperature range -10 – 50°C \pm 1°C
- ROV / AUV / diver light activated backlight
- Maximum battery life of 25 days typical use (extended in sleep mode)
- Bluetooth data retrieval and configuration via app
- Logging to on board memory (1 million values)
- Rechargeable NiMH batteries with external charger (4 hr full charge)
- External keypad for surface set-up
- Can be powered from AUV / ROV via custom cable
- Stainless Steel 316L housing
- Process connection supplied with sacrificial 1/2" NPT(M) adapter
- 100mm diameter display
- Weight in air 5.75kg
- Gauge dimensions: 330 x 140 x 180mm

Head Office:

Campus 1, Aberdeen Science & Technology Park
Balgownie Road, Bridge of Don, Aberdeen, AB22 8GT
Tel: +44 (0)1224 222888 | Fax: +44 (0)1224 826299

Also at:

New York Industrial Estate, North Shields, Tyne & Wear, NE27 0QF
Tel: +44 (0)191 296 3444 | Fax: +44 (0)191 296 3555

sale@scotia-instrumentation.com
hire@scotia-instrumentation.com
scotia-instrumentation.com