



SCOTIA
INSTRUMENTATION

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instrumentation technology



SUDS

Scotia Underwater Datalogging System



SUDS pannier configuration

- Rated subsea depth of 3000m
- Measures and logs up to 5 transmitters
- Measures and logs water depth and temperature
- Measures and logs up to 3 flow rates or totals
- Alarm can be set for any channel
- Hand held terminal for easy set up of parameters in the field
- Logging intervals from 2 seconds to 10 hours with 32Mb non-volatile memory.
- Logging can be continuous for 10 days or up to a year at an interval of 15 minutes using sleep mode or delayed start to conserve battery life
- ROV friendly with light sensitive backlit display and easily operated On/off switch
- Rechargeable battery with onboard condition monitor
- Download automatically to SDAS software using USB memory stick attached to any PC or laptop
- Secure SDAS data files can be printed in graphical or tabular form or exported in ASCII text format for import into non-secure documents and spreadsheets

OPTIONAL SPECIFICATIONS

Modular Pannier panel with:

- ROV-friendly double isolation valve functionality.
- Up to two integrated pressure sensors.
- Fitted with 1" FES Duplex receptacle (10,000psi / 700 bar)
- 1" FES Duplex hotstab available

SPECIFICATIONS

Depth	The unit is rated for use up to 3000m	Flow	Pulse input (digital), any flow rate. Calculated flow displayed in litres, gallons or cubic meters. Flow rate in units/minute.
Weight	500kg approx (skid including all logging components)	Memory	32Mb – expandable by different cards to 1Gb
Skid	1m cubed approx St Steel	Battery	80Ah lead acid
Pressure	Up to 5 channels, maximum range 25,000psi	Download communications	9600 baud RS232
Temperature	Pt100 mounted in pressure pod, resolution = 0.1°C	Screen	Transflective LCD with backlight
		Log interval	2 seconds to 10 hours



SEQual



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