

DATASHEET **HYDROlog™ 1100** Hydrotest logger



Test pressure and temperature - to 600 bar

KEY FEATURES

- Self-contained logger
- Measures temperature for compensation during hydrotest
- Quick and easy deployment
- Rated to 2000m

APPLICATIONS

- Hydrotest



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SENSOR SPECIFICATIONS

	Temperature	Pressure
Sensor type	Thermistor	Piezo-resistive bridge
Ranges	-2 to 30°C standard, other ranges on request	Sealed gauge: 250, 400, 600 bar
Resolution	better than 0.007°C	better than 0.01% full scale
Accuracy	±0.1°C	typically better than 0.2% full scale

LOGGER SPECIFICATION

Data storage capacity	250k or 500k parameter readings (factory set) in non-volatile FLASH
Logging lifetime	Typically 5 years, depending on regime
Data retention	>10 years
Burst sampling	Bursts every 1 – 255 seconds or 1 – 255 minutes
Within-burst rate	From 1 Hz to once every 30 seconds
Burst averaging	Bursts may be averaged to a single data value
Logger communication	Wireless system via separate drop-in reader
Reader communication	USB 1.1, bus powered
Optional Controls	External trigger input or output
Battery	3.6V Lithium 'AA' Cell - Technician replaceable
Software	AQUAtalk for Windows for configuration and download
Attachment	1/4" NPT
Maximum depth	2000 m

Contact us

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