

Product Data Sheet

Unilogger



The Unilogger is a wireless datalogger which improves the speed and efficiency of pressure testing by automating a number of manual and analogue processes. The Unilogger is intrinsically safe and ATEX rated for use on and in the vicinity of the wellhead and Xmas Tree, which is classified as a Zone 0 hazardous area.

The Unilogger records the outputs from digital pressure transducers that are temporarily installed to the test set-up. The transducers wirelessly communicate with the control unit which allows four independent tests to be carried out simultaneously. A mobile tablet acts as the operator interface to control the testing and process the data into pre-prepared charts. Real-time graphical trending is available on-screen and a final, detailed report is immediately available for analysis.



Benefits:

- More rapid workflow, reducing operator administration time
- ATEX certified for the test bay (Zone 0 rated)
- Compact and portable
- Wireless equipment eliminates cables, reduces the operational footprint and the risk of trip hazards and impediment in the test bay
- Allows 4 independent tests to be conducted simultaneously, reducing overall timescales
- Instant availability of detailed test reports for analysis and distribution
- Digital data ensures consistency, security and accuracy
- Developed by Unity specifically for well integrity applications.

Specifications:

Panel Dimensions	L18" x W45" x H44"
Panel Weight	115 Kg
Standard Connectors	3/8" snap type quick connects – others available on request
Pressure Range	0-10,000 psi
Pressure Accuracy	0.02% FS
Data Storage	Logging interval: from 0.1~9999 seconds, log up to 10 million readings (single channel)
Explosion-proof Grade	ATEX & IECEx: Ex ia IIC T4 Ga (Ta = -20°C to +50°C)