




Reservoir Group's Well Head Recorder (WHR) pressure gauge's accuracy and resolution is far superior to analogue dial-gauges and facilitates gathering of a large amount of data, resulting in fewer trips to the well site.

The WHR is a battery powered electronic pressure gauge that records surface pressure and temperature at a programmable sampling interval. The WHR features a clearly visible digital LCD display with 100mBar (~1.5 psi) resolution. An internal non-volatile memory is read using the USB interface and Reservoir Group software supplied. The software is very easy to operate and simple communication steps to download data from the WHR will provide a graphical display of data for immediate viewing. For the more advanced user, features such as plot manipulation tools, data export options, and gradient survey/report generation tools are available.



Features	Benefits
ATEX approved:  II 2 G EX ia IIC T4	Can be used in zoned areas
Large non-volatile memory	Real-time values for easy analysis
Rotatable face (350°)	Easy mounting and viewing
Long lasting battery life up to 2 years	Provides long duration of recording
Programmable sampling interval from 1 second to 1 days	Performs in jobs where fast response is required
IP65 protection	Enhanced protection from non-corrosive materials

## Well Head Recorder for Demanding Applications

- Well head, separator, manifold & flow line pressure monitoring
- Test/short-term monitoring

- Replacement for analogue dial-gauges
- Long-term monitoring

# Technical Specifications

Pressure	
Ranges	0...300 bar 0...700 bar 0...1000 bar
Accuracy	±0.1% FSO (-50°C)
Resolution	100mbar (1.5 psi)
Temperature	
Range	Calibrating 0°C to 50°C (Operational -10°C to 60°C)
Accuracy	±0.5°C
Resolution	±0.1°C
Power	
Battery type	AA lithium, Tadiran type SL-760 (connectorized)
Operating voltage	3.6 V
Battery Life*	Up to 2 years**
Memory	
Sampling interval	1 second to 1 day
Memory type	**Non-volatile
Capacity	28,500 datasets for sample rates 1 to 15 seconds 14,500 datasets for sample rates > 15 seconds
Record contents	Time, pressure, temperature
Other	
Connection	1/4" NPT thread (others available on request)
Calibration	2 year interval typical

\* Battery life varies with sampling interval

\*\*Typical battery life at 10 second sampling interval



**Supplied Items:** WHR with selected pressure range, USB interface, Software and Runsheet instructions, all contained in a compact plastic case.