

HS Gauge Series

Reliable pressure and temperature
for the life of the well



Emerson's Roxar™ HS series gauges provide the critical pressure and temperature data needed to update models, manage production rates and optimize reservoir performance. They offer cost effective, highly stable, accurate and precise measurements and are suitable for the harshest and hottest deep well environments.

Experience from over 30 years of permanent well monitoring and an advanced electronics platform are integrated into the latest design of the HS series gauges and ensure the highest reliability and system lifetimes.

The HS gauge is designed to withstand the harsh environments experienced in oil and gas wells. Qualification to extreme temperature was performed to ensure that the HS gauge will provide reliable data for the life of the well. High quality material selection makes the HS gauge suitable for service in most types of wells.

Applications

- Onshore, platform and subsea wells
- Production and injection wells
- Multi-zone, multi-lateral and intelligent wells

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Maximum operating pressure	1,723 bar (25,000 psi)
Maximum operating temperature	225 °C (437 °F)
Pressure accuracy	0.02 % FS
Temperature accuracy	0.1 °C (0.18 °F)
Measurement frequency	10 per second
Measurement technology	Quartz crystal
Electronics technology	Silicon-On-Insulator

Key Benefits

- Replacement of periodic wireline surveys
- Confirmation of the strength of fault sealing mechanisms
- Confirmation of multiple zonal isolation integrity
- Well start up and production management
- Drawdown management to prevent sand production
- Optimizing gas lift
- Production testing after perforating
- Fracturing and perforating pressure monitoring

The HS gauge series is a complete engineered solution.
Consult your Emerson Automation Solutions representative for more information.

For more information, visit
Emerson.com/RoxarGaugeSeries
or contact your local Emerson Sales Representative



Roxar Dual Drop Off Gauge

