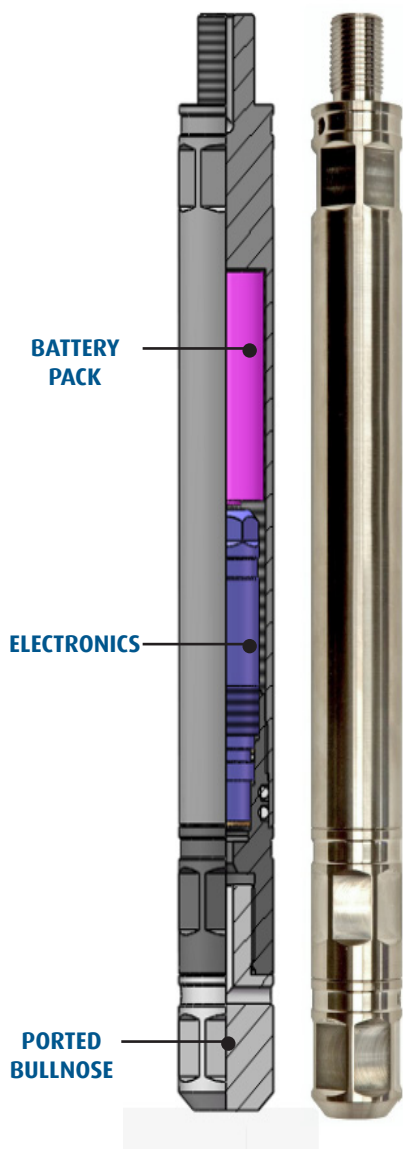




Providing extreme performance in high H<sub>2</sub>S/CO<sub>2</sub> environments, Reservoir Group's Pressure Pilot's modular gauge design and metal-to-metal sealing systems put this 1.25" OD memory gauge in a league of its own.

The Pressure Pilot has been designed for slickline memory and real-time SRO applications. It utilizes modular gauge design for quick and easy serviceability. The Pressure Pilot incorporates a patented welded transducer sealing system, which prevents penetration of the seal.

This gauge is ideal for multiple well surveys without re-programming and is particularly suitable for deployment in high concentration 'sour gas' environments



Features	Benefits
Welded transducer sealing systems	Ensures data integrity by not allowing anything to penetrate the seal
Unique metal-to-metal seal	Much more effective in preventing gas leaks
Modular concept with replaceable electronics and transducer	Fully field-serviceable resulting in reduced operating costs and downtime
Can easily convert to surface read-out (SRO) gauge (available in 1.25" and 1.5" OD versions)	Provides increased utilisation in both e-line and slickline applications

### Pressure Pilot for Demanding Applications

- Gradient Surveys
- Pressure build-up or draw-down test
- Production optimisation
- Production monitoring and artificial lift control
- Reservoir evaluation and well testing
- Slickline and e-line operations
- Static flowing and build-up surveys

# Technical Specifications

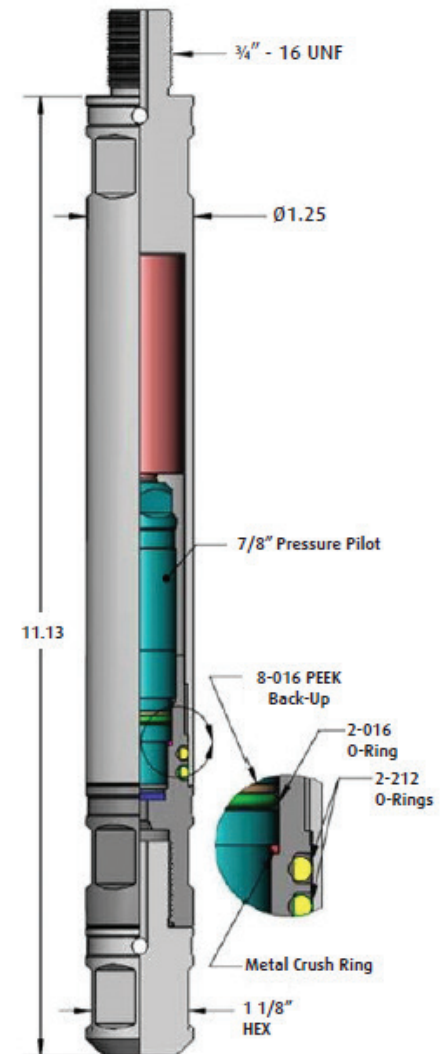
## Pressure Pilot, 1.25" OD, Kit (with standard battery barrel and C Battery pack)

Pressure Pilot Gauge version only | Refer to Pressure Pilot SRO Catalogue Pages for SRO version specs

Pressure	
Maximum external pressure	Must not exceed sensor range or 25 ksi max
Sensor range	8 options from 0.75 ksi to 25 ksi *(note)
Sensor type	Piezo-resistive
Accuracy	<±0.050% FSO
Accuracy typical	±0.030% FSO
Long-term	0.1% FSO
Drift	<3 psi per year
Resolution	0.003 FSO
Temperature	
Maximum temperature	Must not exceed range or 177°C Max
Range	2 options, 150° and 177°C
Accuracy	±0.6°C
Repeatability	±0.2°C
Resolution	0.001% FSO
Power	
Battery type	C or CC lithium
Operating voltage	3.2 to 3.9 V
Battery Life**	193 days or more than 1 year**
Memory	
Sampling capacity	1/100s, 1/10s, ≥1s
Standard sampling interval	1,000,000 records
Burst capacity	Time, pressure, temperature, battery voltage
Other	
Materials	Inconel 718
Service	Standard and H <sub>2</sub> S

\*Battery life varies with temperature and sampling interval

\*\*Specified, at 125°C & 5 second sampling interval  
(193 days with C battery and 1 year with CC battery)



\***Note:** The High Pressure 25 ksi version of the Pressure Pilot Gauge uses a high pressure Battery Barrel and metal crush ring to achieve its maximum external pressure rating. A lithium AA type battery is used with this gauge version. See Catalogue Page for options and specifications.