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The 1.00" OD Side Pocket Gauge is a dual function Piezo Gauge assembly designed with seal stacks for plugging off an industry-standard 1.00" Side Pocket Mandrel. The gauge is capable of recording internal or annular tubing pressure and temperature accurately.

With the Side Pocket Gauge located in place, full bore access is gained into the well. Unlike conventional Gauge Carriers, this Gauge can be recovered without pulling the completion.

Features

Uses standard Side Pocket Mandrel wireline tools and procedures
Full bore access makes the assembly ideal for Fracs
2,000,000 data set memory
Innovative electronics dramatically reduces power consumption
Long life 'AA' size battery is easier to ship since it is not classed as dangerous goods
Piezo sensor offers a cost-effective alternative
Three part construction for easy assembly and disassembly

**Side Pocket Tool
for Demanding
Applications**

- Gas Lift Mandrel
- Artificial Lift Monitoring

- Frac Monitoring
- Production Optimisation

Technical Specifications

Pressure	
Maximum external pressure	15 ksi max
Sensor type	Piezo-resistive
Accuracy (>100 psi)	<± 0.050% full scale
Accuracy typical	± 0.030% full scale
Long Term Stability	0.1% full scale
Drift	< 3 psi per year
Resolution	0.0003% full scale
Temperature	
Maximum temperature	177°C
Accuracy	± 0.6°C
Repeatability	± 0.2°C
Resolution	0.0001% full scale
Power	
Battery type	AA type lithium
Operating voltage	3.2 to 3.9 V
Battery Life **	86 or 56 days***
Memory	
Sampling interval	1/100s, 1/10s, ≥1s
Capacity	2,000,000
Record contents	Time, pressure, temperature, battery voltage

Contact your Reservoir Group sales representative for dimensional data and other information on extended battery barrels, tandem adapters, shock absorbing carriers and custom configurations.

**Battery life varies with temperature and sampling rate

***Specified at 125 °C, 5 seconds sampling rate
(85 days with 2AA battery, 56 days with AA battery)

Lithium Battery Pack Description						
Qty	Type	Voltage	CAP (Ah)	OAL (inch)	Connector	Part No.
1	AA	3.6	1.8	3.81	4 Pin Locking Lemo 110985	110985