

## PPS28-225°C High Temperature Quartz Gauge

The **PPS28-225°C High Temperature Quartz Gauge** is designed for sour service, high pressure, high temperature downhole environments. Constructed with the best technologies available these gauges are rated up to 30,000 psi and 225°C (437°F), and deliver precise accuracy and resolution to detect the smallest differences in the downhole conditions.



### Sensor Type

Quartz

### Pressure

Range—psi	16K   20K   25K   30K
Accuracy—psi	±0.035% FS
Resolution—psi	<0.01
Drift—psi/year	<0.06% FS psi/Year at max. pressure and temperature

### Temperature

Rating—°C	225 (437 °F)
Accuracy—°C	±0.5°C, ±0.2°C (Typical)
Resolution—°C	<0.005

### Characteristics

Service	Sour Services
Power Source	Lithium Battery Pack
Communication	USB / RS232
Data Set	Time / Pressure / Temperature
Max OD—inches	1.375 (34 mm)
Overall Length—inches	31.5" (800 mm)   41.5" (1054 mm)
Housing Material	Inconel 718   MP35N
Sampling Rate	1s – 18hrs/per sample (0.1s – 1.8hrs/per sample optional)
Memory Capacity	500,000 data sets (1 million datasets optional)

### Applications:

- Pressure Build-up Tests
- Pressure Gradients
- Interference Tests
- Injection Pressure Monitoring
- Drill Stem Tests
- Production Tests
- Pre/During/Post Stimulation Evaluation
- Fracturing Monitoring

PPS28-225C Specifications (Rev. 00, 2016-09-27, Initial)

