

PPS58 Combo SRO-Memory Gauge

The **PPS58 Combo SRO-Memory Gauge** offers flexibility in gauge operations for customers who want to use the gauge in either memory working mode or surface read out mode. An SRO adapter is installed on the gauge to connect to a wireline cable head to be able to change the gauge from a memory tool to a surface read out tool. SmartView software is used for memory gauge applications and a PPS26 surface unit with PPS SRO software is used for SRO operations.



| Sensor Type | Piezo | Quartz |
|-------------|-------|--------|
|-------------|-------|--------|

Pressure

| | | |
|-------------------------|---------------|---------------|
| Range-psi | Up to 20 kpsi | Up to 20 kpsi |
| Accuracy-psi full scale | ± 0.03% | ± 0.02% |
| Resolution-psi | 0.0003% | <0.01 |
| Drift-psi/year | < 3 | < 0.02%FS |

Temperature

| | | |
|---------------|-----------------------------|-----------------------------|
| Rating-°C | 150 (302 °F) 177 (350 °F) | 150 (302 °F) 177 (350 °F) |
| Accuracy-°C | ± 0.5 | ± 0.2 |
| Resolution-°C | 0.01 | <0.005 |

Characteristics

| | | |
|-----------------------|---|---|
| Service | H2S Services | H2S Services |
| Power Source | SRO mode: 12 VDC MEM mode: Lithium Battery | SRO mode: 25VDC/30mA MEM mode: Lithium Battery |
| Communication | SRO mode: PSK MEM mode: USB / RS232 | SRO mode: PSK MEM mode: USB / RS232 |
| Data Set | Time / Pressure / Temperature | Time / Pressure / Temperature |
| Working Mode | Memory or SRO | Memory or SRO |
| Max OD-inches | 1.44 (36 mm) | 1.44 (36 mm) |
| Overall Length-inches | 11.4 (290 mm) | 30.4 (772 mm) |
| Housing Material | Inconel 718 SS 17-4 | Inconel 718 |
| Sampling Rate | 1 sec to 18 hours per sample | 1 sec to 18 hours per sample |
| Memory Capacity | 2,000,000 data sets | 2,000,000 data sets |

Applications:

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

PPS58 Combo Gauge Specifications (Rev. 02, 2013-06-10)

