

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	± 0.03% FS	± 0.02%
Resolution–psi	0.0003% FS	<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	Sour Services	Sour 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

