

PPS63 RTD-CCL Memory Gauge

The **PPS63 RTD-CCL Memory Gauge** with its highly accurate RTD probe measures immediate temperature gradients while also measuring pressure and locating casing collars by CCL (casing collar locator). The gauge can be run in tandem with a depth measurement system, such as the PPS36 DepthWatcher which will enable the user to record line tension, speed and depth inconjunction with downhole data from the gauge.



Sensor Type

Peizo/RTD

Applications:

Pressure

Range—psi	Up to 10 kpsi
Over Range	110% FS
Drift—psi/year	< ± 3
Accuracy—psi full scale	± 0.03%
Resolution—psi	0.0003%

- Locate tubing damage such as corrosion holes or leaks

- Locate small casing leaks

- Monitor the efficiency of artificial lift valve systems

Temperature

Rating—°C	150 (302 °F)
Accuracy—°C	± 0.5
Resolution—°C	0.01

- Record accurate static and flowing temperature readings

Characteristics

Service	H ₂ S Services
Power Source	2.7 - 3.9 VDC, Lithium Battery Pack
Power Consumption	Operation current 2.5 mA
Communication	USB / RS232
Data Set	Time / Pressure / Temperature / RTD / CCL
Max Outside Diameter—inches	1.5 (38 mm)
Overall Length—inches	33.5 (85 mm)
Housing Material	Inconel X-750 Inconel 718
Sampling Rate	0.1 second to 1.8 hours per sample
Memory Capacity	1,000,000 data sets standard Larger memory optional

- Determine crossflow over multiple comingled intervals



PPS63 Specifications (Rev. 00, 2015-07-31)