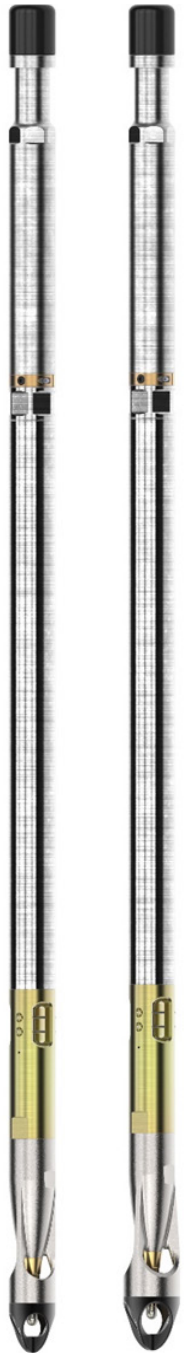
Technical Specification Sheet

PTS & Casing Collar Locator - 1 3/8 in.



The Pressure, Temperature, Spinner & Casing Collar Locator (PTSCCL1) is a combined pressure, temperature, flow and casing collar locator tool in a compact 1 3/8 inch outside diameter size. This tool can run in either memory mode or via a real-time surface readout system.

The PTSCCL1 can be supplied with a fixed cage continuous flowmeter or full-bore spinner.

Ratings & Dimensions

Max temperature	350°F (177°C)
Max pressure	15,000 psi (103.4 mPa)
Outer diameter	1.38 in (35.0 mm)
Length	35.9 in (912 mm)
Weight	10.6 lb (4.8 kg)
Measure Points	**Pressure:** 8.73 in (222 mm) **Temperature:** 9.31 in (236 mm) **CCL:** 24.09 in (612 mm)

Hardware Characteristics

Acquisition Mode	Real-time (SRO)	Memory
Memory Capacity	2.5 million samples	
Combinability	Warrior, ALT, and Kuster	
Materials	Corrosion resistant materials used throughout	

Pressure Sensor Specifications

Sensor Type	Piezoresistive
Accuracy	0.03% F.S.
Resolution	0.00006% F.S.
Drift	<2 psi/year

Temperature Sensor Specifications

Sensor Type	Resistance temperature detector (RTD)
Accuracy	0.15% F.S.
Resolution	0.002% F.S.

Cased Collar Locator Specifications

Sensor Type	Electromagnetic
Sample Frequency	20 times per second

Flow Meter Specifications

Sensor Type	Hall effect – magnetic pulse counter	
Cage OD	1.437 in (36.5 mm)	1.38 in (35.0 mm)

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