



ENHANCED RELIABILITY

Low Maintenance gauge operated by anyone in less than 10 mins.
Laterally locked battery avoids disconnection in operation.
Metal-to-metal seal for better protection of the electronic board.

METROLOG BREAKTHROUGH

External communication port reduces maintenance cost and time.
Smart battery system displays the remaining power of your cells.
High-temperature electronic board with 4 times redundant memories.

APPLICATIONS

For accurate reservoir monitoring, static/dynamic gradient and build-up.
For DST, coil tubing and all slim-hole operations.

SPECIFICATIONS

PRESSURE		<i>PiezoResistive Sensor</i>
Range	0-10 000 up to 0-20 000 psi (0-700 to 0-1400 bar)	
Accuracy	± 0.05% FS	
Resolution	<0.05 psi (<0.003 bar)	
Drift	Low under 300 °F - High above 300 °F	
TEMPERATURE		<i>PT100</i>
Range	0 to 350 °F (-20 to 177 °C)	
Accuracy	± 0.6 °F (± 0.3 °C)	
Resolution	<0.01 °F (<0.005 °C)	
MECHANICS		
Material	High-Quality Inconel suitable for sour service (H ₂ S, CO ₂ , acid)	
OD	¾" (19 mm)	
Length	11" (28 cm) for Insert, 15" (38 cm) for Slickline Version	
Weight	0.5 lbs (250 g)	
Threads	5/8" 11 UNC (pin up x box down)	
Bottom nose	¼" NPT (female)	
MEMORY		
Capacity	4 200 000 data points of pressure and/or temperature	
COMPUTER AND SOFTWARE		
Programming Modes	Conventional, Advanced	
Parameters	1s-18h Scanning Rate, Time delay, Pressure start (Trigger, Threshold)	
Windows	Compatible with Windows 2000/XP/Vista/7	
Connector	RS232/USB	
BATTERY TYPE		
Z15E/LZ15E/Z20/Z220	Cumulative operating time up to 200 days.	

Metrolog, a Sercel Brand

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Sercel

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