



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 very accurate reservoir monitoring, build-up and pulse/interference tests.
Extra Slim gauge for DST, coil tubing, slickline and slim-hole operations.

SPECIFICATIONS

PRESSURE		Quartz Sensor
Range	0-10000 up to 0-20 000 psi (0-700 to 0-1 400 bar)	
Accuracy	± 0.02% FS	
Resolution	<0.01 psi (<0.001 bar)	
TEMPERATURE		Quartz Sensor
Range	0 to 350 °F (-20 to 177 °C)	
Accuracy	± 0.3 °F (± 0.15 °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	20" (51 cm) for Insert, 24" (61 cm) for Slickline Version	
Weight	1 lbs (500 g)	
Threads	5/8" 11 UNC (pin up x box down) or non threaded housing (Insert)	
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	1/100s-18h Scanning Rate, Delay, Pressure start (Trigger, Threshold)	
Windows	Compatible with Windows 2000/XP/Vista/7	
Connector	RS232/USB	
BATTERY TYPE		
Z20/Z220/Z15E/LZ15E		

Metrolog, a Sercel Brand

1110 Avenue l'Occitane, Technoparc, Bât.2, C.S. 17619. 31676 Labège Cedex FRANCE

Telephone: (33) 5 61 34 80 74. Fax: (33) 5 61 20 41 31. E-mail: sales@metrolog.com

www.metrolog.com

Sercel

S.A. au capital de 2 000 000 €. Siège Social: 16 rue de Bel-Air 44470 Carquefou.

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