

New



# IQUARTZ5

## SLIM QUARTZ CRYSTAL DOWNHOLE PRESSURE AND TEMPERATURE MEMORY GAUGE



### 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, static/dynamic gradient and build-up.  
Also for pulse/interference tests and long term jobs.  
Extra Slim gauge for DST, coil tubing, slickline and slim-hole operations.

### SPECIFICATIONS

PRESSURE		Quartz Sensor
Range	0-10 000 up to 0-20 000 psi (0-700 to 0-1400 bar)	
Accuracy	± 0.02% FS	
Resolution	<0.01 psi (<0.001 bar)	
TEMPERATURE		Quartz Sensor
Range	0 to 300 °F (-20 to 150 °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 <sub>2</sub> S, CO <sub>2</sub> , acid)	
OD	¾" (19 mm)	
Length	19" (48 cm)	
Weight	1 lbs (500 g)	
Threads	5/8" 11 UNC (pin up x box down) or non threaded housing	
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	1/100 s-18h Scanning Rate, Time delay, Pressure start (Trigger, Threshold)	
Windows	Compatible with Windows 2000/XP/Vista/7	
Connector	RS232/USB	
BATTERY TYPE		
Z15E/LZ15E	Cumulative operating time up to 200 days.	

### Metrolog

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Ahead of the Curve<sup>SM</sup>