

New



# IQ QUARTZ 5-HT

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	
	<i>Quartz Sensor</i>
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	
	<i>Quartz Sensor</i>
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 <sub>2</sub> S, CO <sub>2</sub> , acid)
OD	3/4" (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	1/4" 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/Z15E/LZ15E	Cumulative operating time up to 200 days.

### Metrolog

Technoparc. Bat.2. Avenue L'occitane. BP 27415. 31674 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](http://www.metrolog.com)

### Sercel

S.A. au capital de 2 000 000 €. Siège Social: 16 rue de Bel-Air 44470 Carquefou.  
378.040.497 R.C.S. Nantes. Code APE 2651B  
[www.sercel.com](http://www.sercel.com)

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