

# AMETROLOG5™

## PRESSURE AND TEMPERATURE GAUGE

### DESCRIPTION

Metal-to-metal seal for a better protection of the electronic board.  
 Easy-to-use gauge operated by anyone in less than 10 mins.  
 Battery laterally connected avoids disconnection in operation.  
 Low cost memory gauge with faster temperature response.  
 Electronic board protected and insulated from vibrations.  
 4 times redundant memories to insure a higher security of your data.  
 Smart battery system displays the remaining power of your cells.  
 For accurate reservoir monitoring, static/dynamic gradient and build-up.  
 Production testing and artificial lift control, multi-well survey without reprogramming.

### PRODUCT SPECIFICATION

PRESSURE		<i>PiezoResistive Sensor</i>
Range	1500 up to 15000 psi (100 to 1000 bar)	
Accuracy	±0,05 % FS	
Resolution	0.05 psi (0.003 bar)	
TEMPERATURE		<i>PT 100</i>
Range	0 to 300°F (-20 to 150°C)	
Accuracy	±0.6°F (±0.3°C)	
Resolution	0.01°F (0.005°C)	
MECHANICS		
Material	17-4 PH sour service (H <sub>2</sub> S, CO <sub>2</sub> , acid) and stainless steel. MP35N on demand	
O.D	1 1/4" (31.75 mm)	
Length	16" (41 cm)	
Weight	3 lbs (1.5kg)	
Threads	15/16" 10 UNS (pin up x box down)	
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	1s-18h Scanning Rate, Time delay, Pressure start (Trigger, Threshold)	
Cable O.D.	Compatible with Windows 2000/XP/Vista	
Connector	RS232/USB	
BATTERY TYPE		
P15/LP15	For up to 180 days of operation with LP15	

