

MEMORY GAUGE FOR SIDE POCKET MANDRELS

Designed to fit into 1" SPM
to replace Gas Lift Valves or Dummy Valves



// ENHANCED ELECTRONIC PERFORMANCES

- Low Maintenance gauge operated by anyone in less than 10 mins.
- Easily installed/retrieved with standard kick-over tool.

// INNOVATIVE BREAKTHROUGH / BENEFITS

- Design based on a standard gas lift valves.
- Electronics with 4 times redundant memories.
- Tubing or annulus pressure can be monitored with the same gauge.
- Smart battery system displays the remaining power of your cells.

// APPLICATIONS

- For well diagnosis and all fast temperature transient needs.
- For long term monitoring (up to 6 months) with no flow restriction.

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METROLOGY

Name		Side Pocket 1"
Pressure	PiezoResistive Sensor	
Range	From atm. pressure to 1.5kpsi up to 15kpsi (Atm. to 100 up to 1000 bar)	
Accuracy	± 0.05% FS	
Resolution	<0.05 psi (<0.005°C)	
Temperature	PT100	
Operating Range*	0 to 300°F (-20 to 150°C)	
Accuracy	± 0.6°F (± 0.3°C)	
Resolution	<0.01°F (<0.005°C)	
Battery Type	X15	
For up to 180 days of operation		

*Calibrated range starts at ambient temperature (20°C)
Calibration down to -20°C available on demand

Mechanics	1" SPM
Material	17-4 PH aged to fit sour service (H ₂ S, CO ₂ , Acid) and Stainless Steel
OD	1" (25 mm)
Length	19" (48 cm)
Weight	1.25 lbs (0.75 kg)
Latch	BK type
V-Packing	Adapted to standard gas lift mandrels
Pressure monitoring	Tubing or Annulus

Computer & Software	
Programming modes	Conventional, Advanced
Parameters	1s-18h, Scanning Rate, Time delay, Pressure start (Trigger, Threshold)
Windows	Compatible from Windows 2000 to Windows 10
Connector	USB
Memory Capacity	4.2M data points of pressure and/or temperature

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