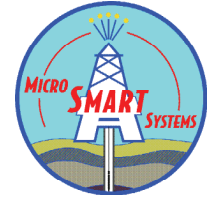


SP-1500

Side Pocket Gauge



1 1/2 " Side Pocket Memory Pressure Gauge

The SP-1500 is a memory pressure and temperature gauge designed to fit in a standard gas lift mandrel side pocket. It has been engineered with a shock absorbing system, designed and tested to withstand the jarring required to set and retrieve standard gas lift valves. The ability to stay in the well for extended periods of time along with multi test capability allows for continuous use in remote locations.

With a 1 1/2" diameter, our Side Pocket Smart pressure gauge may be used in any standard 1 1/2" side pocket.

The SP-1500 is tough, dependable, simple, and intelligent. If your job requires high temperature gauges that are reliable yet rugged and simple to use, the Side Pocket Smart memory gauge, with its sapphire sensor, is the one for you.

With the use of our simple, menu driven Windows software, you can retrieve and report the gauge data (using a compatible computer and printer) from the tool once it is removed from the well.

Advanced reporting features are available such as data printouts, gradient reports, gradient plots and most of the standard time vs. pressure / temperature plot formats.

Micro-Smart Systems offers complete Well Test Interpretation. Our powerful state-of-the-art software includes data preparation, various analysis methods, analytical reservoir modeling and deliverability.

Micro-Smart Systems is the **SMART** choice for cutting-edge technology and superior customer support. We can save you time, money, and help you keep your customers satisfied.

Side Pocket Smart Features:

The technological features of the SP-1500 are:

- High Capacity, Non-Volatile Flash Memory
- Tool performs internal tests and delivers visual signal to confirm operation
- Multiple-run data storage capability
- User friendly Windows-based software
- Single lithium cell yields reduced costs
- 350° F operation
- Shock absorber to withstand jarring during setting and retrieval
- Standard ASCII data storage format
- Custom computer programming up to 14 time periods



"No. 1 in the Side Pocket"

SPECIFICATIONS:

Memory Capacity: 500,000 data sets
(time, pressure, temp.)

Sampling Intervals: 1 second to 570 hours
(in 1 second increments)

Diameter: 1.50" inches (38.10 mm)

Resolution: Pressure - .03 psi
Temp. - .03° F

Accuracy: Pressure ± .05 % Full Scale
Temp. ± 2° F

Housing Material: Inconel 718

Pressure Ranges: 5,000 psi (34,000 kPa)
10,000 psi (68,000 kPa)
15,000 psi (102,000 kPa)

Weight: 9.5 lb. (4.3 Kg)

Operating Temp.: 32° F to 350° F
(0° C to 177° C)

Power: 3.6V (1 - 'CC' Cell Lithium)

Length: 27.5 in. (47.9 cm)