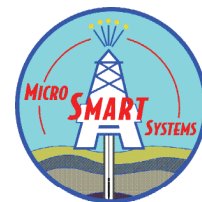


HS-1250

Sour Service



1-1/4" Downhole Memory Pressure Gauge

Versatility is this gauges popularity. Coiled tubing, slickline, wireline, snubbing, and pipe are means of conveying the HS-1250. The ability to stay in the well for extended periods of time along with multi test capability allows for continuous use in remote locations.

The HS-1250 (Mini-Smart 2), is unique with its short length and high temperature capabilities. The HS-1250 utilizes metal-to-metal seals and sensor bellows for use in sour wells.

The short length of the HS-1250 is ideal for use when lubricator length must be decreased. The large memory capacity allows excellent flexibility in programming, allowing you to get the data you need.

The HS-1250 is tough, dependable, simple, and intelligent. If your job requires high temperature gauges that are reliable yet rugged and simple to use, the Mini-Smart memory gauge, with it's 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 from the tool once it is removed from the well (using a compatible computer and printer).

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.

Mini-Smart 2 Features:

The technological features of the HS-1250 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 software
- Single lithium cell batteries reduced costs
- 350° F operation
- Metal-to-Metal seals and sensor bellows
- Compatible with Micro-Smart's production logging tools
- Standard ASCII data storage format
- Custom program up to 14 time periods



SPECIFICATIONS:

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

Pressure Ranges: 10,000 psi (68,000 KPA)
15,000 psi (102,000 KPA)

Sampling Intervals: 1 second to 1 hour

Weight: 4 lbs. (1.8 Kg)

Diameter: 1-1/4" inch (31.2 mm)

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

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

Power: 3.6v (1 - 'C' Cell Lithium)

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

Length: 16.5 in. (41.9 cm)

Housing Materials: K-500 & 17-4pH