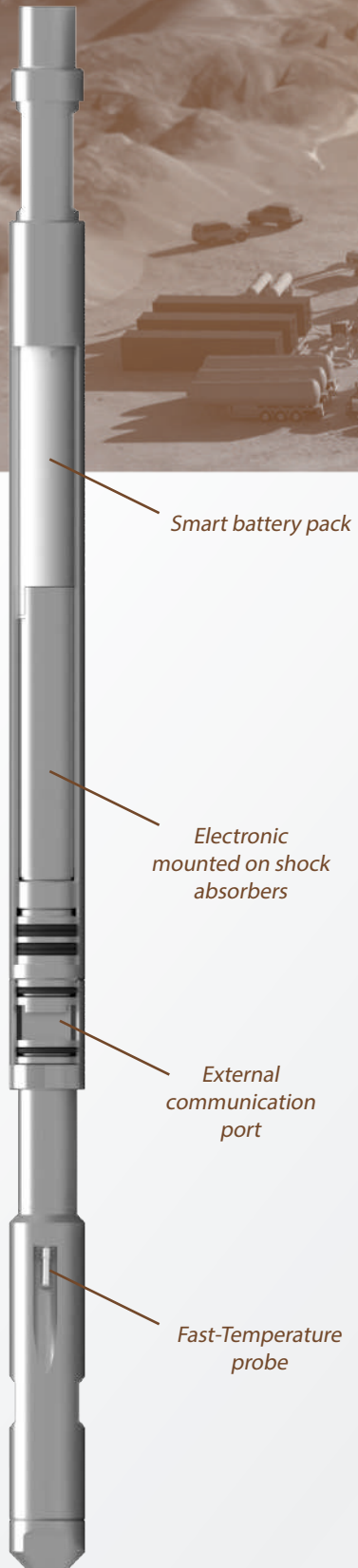


# PTRM5

## Pressure and Fast-Temperature Memory Gauge



Smart battery pack

Electronic mounted on shock absorbers

External communication port

Fast-Temperature probe



View of the external port of communication

### // ENHANCED ELECTRONIC PERFORMANCES

- Low Maintenance gauge operated by anyone in less than 10 mins.
- Laterally locked battery avoids disconnection in operation.
- Metal-to-metal seal for a better protection of the electronic board.

### // INNOVATIVE BREAKTHROUGH / BENEFITS

- External communication port reduces maintenance costs and time.
- Smart battery system displays the remaining power of your cells.
- Electronics protected and insulated from vibrations.

### // APPLICATIONS

- For well diagnosis and all fast temperature transient needs.

View of the fast-temperature probe

# PTRM5

## 1.25" Pressure and Fast-Temperature Memory Gauge

### METROLOGY

| Gauge Name                  | PTRM5   | PTRM5-HT                  |
|-----------------------------|---|---------------------------|
| <b>Pressure</b>             | PiezoResistive Sensor   |                           |
| Range                       | From atm. pressure to 10kpsi up to 15kpsi (Atm. to 700 to 1000 bar) |                           |
| Accuracy                    | ± 0.05% FS  |                           |
| Resolution                  | <0.05 psi (<0.003 bar)  |                           |
| <b>Temperature</b>          | PT100   |                           |
| Operating Range*            | 0 to 300°F (-20 to 150°C)   | 0 to 350°F (-20 to 177°C) |
| Accuracy                    | ± 0.6°F (± 0.3°C)   |                           |
| Resolution                  | <0.01°F (<0.005°C)  |                           |
| Response Time               | 2 s   |                           |
| <b>Battery type</b>         |   |                           |
| Temperature < 150°C         | P15E  | P15, LP15                 |
| 150°C < Temperature < 200°C |   | P20                       |

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

### Mechanics

|             |   |
|-------------|---|
| Material    | Inconel X-750, 17-4 PH aged to fit sour services (H <sub>2</sub> S, CO <sub>2</sub> , Acid) and Stainless Steel |
| OD          | 1" ¼ (31,75 mm)   |
| Length      | 24" (61 cm)   |
| Weight      | 4 lbs (2 kg)  |
| Threads     | 15/16" 10 UNS (pin up x box down)   |
| Bottom nose | 1/4" NPT (box)  |

### Computer & Software (Powered by Metrowin)

|                   |   |
|-------------------|---|
| Programming Modes | Conventional, Advanced  |
| Parameters        | 1s-18h Scanning Rate, Time delay, Pressure start (Trigger, Threshold) |
| Windows           | Compatible from Windows 2000 to Windows 10                            |
| Connector         | RS232/ USB  |
| Memory capacity   | 8 .4M data points of pressure and/or temp.                            |

#### Metrolog

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