

TECHNICAL DATA SHEET

PIA

Production Inclinometer Accelerometer Tool

The Inclinometer Accelerometer consists of an accelerometer mounted along the axis of the tool and is used to determine the orientation of the toolstring with respect to the vertical plane.

The PIA is highly sensitive to changes in deviation, providing valuable information to help enhance production log analysis in high angle wells or to help evaluate deformation events in tubing, casing or liner.

APPLICATIONS:

- Measurements for well inclination
- Horizontal well production log interpretation
- Identification of major tubular buckling

BENEFITS

- Improve production evaluation by helping to identify sinks and traps that may reveal hidden hydrocarbons
- Correction of differential pressure derived density measurements to enhance production evaluation

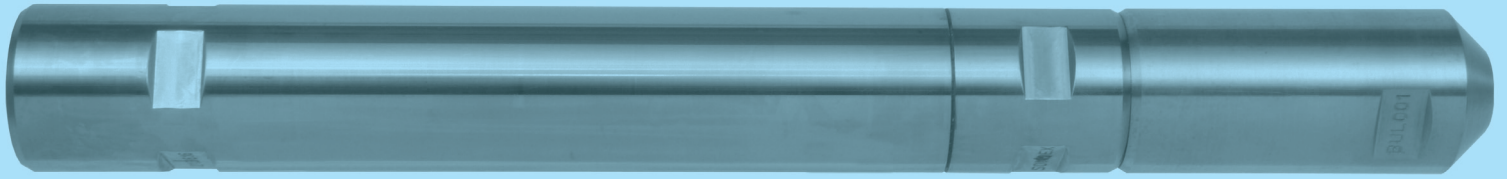


Image courtesy of GE oil & gas

Specifications

Temperature rating	350°F (177°C)
Pressure rating	15,000 psi (103.4 MPa)
Tool diameter	1 11/16 in (43 mm)
Tool length	12.0 in (305 mm)
Tool weight	4.4 lb (2.0 kg)
Operating range	+2 g to -1 g*
Resolution	0.004 g (for 1 second acquisition time)
Accuracy	±0.01 g
Aquisition time	1 second (typical)
Materials	Corrosion resistant throughout

*g is the acceleration due to gravity