

DUAL AXIS INCLINOMETER - HD - 1 11/16 IN.



SKU: DAI001

Categories: [Cased Hole Wireline](#), [HD Platform™](#), [Inclinometer](#), [Production Logging](#)

PRODUCT DESCRIPTION

The Dual Axis Inclinometer (DAI001) utilizes a 3 Axis accelerometer to detect linear acceleration in three perpendicular directions.

Ratings & Dimensions

Max temperature	350°F (177°C)
Max pressure	15,000 psi (103.4 mPa)
Outer diameter	1.69 in (43.0 mm)
Length	13.25 in (337 mm)
Weight	5.6 lb (2.6 kg)
Materials	Corrosion resistant materials used throughout

Hardware Characteristics

Sensor type	2x Dual-Axis Accelerometer	
Combinability	All HD tools (RADii, iQ, PL, RAS, etc.)	
Deviation Range	0 to 180°	
Deviation Accuracy	±1°	
Rotation Range	0 to 360°	
Rotation Accuracy	±1°	
Resolution	0.002g (2mg) or ~0.1°	
Acquisition mode	Real-time with TCU	Memory with MLT

Electrical Specifications

Current	5mA @ 50V	14mA @ 19V
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Applications

- Horizontal log interpretation
- Understanding tool movement and responses
- High side measurements
- Correction of differential pressure-based density measurements

Version Control: 2021.12.09

On-line specifications are for REFERENCE ONLY and subject to change without notice. DO NOT USE FOR FIELD OPERATIONS.