

## 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

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