Spot-measurement Gyro Inclinometer

A-One Oil Spot-Measurement Gyro Inclinometer is currently the smallest and most shock-resistant gyroscope, designed for re- surveying completed wellbores and for directional and trajectory measurements in oil wells without a logging winch. It features high precision, a compact size, strong shock resistance, durability, wide temperature tolerance, and high reliability. The gyroscope can self-seek north, store measurements, and perform hoisting and dropping measurements. It is suitable for wireline logging winches and drop - in wellbore trajectory measurements, as well as for single - and multi - point measurements in casing window orientation. It is especially suited for directional parameter measurements in environments with magnetic interference.



Features

- Small Dimension
- High Precision
- high temperature resistance
- Self-North Seeking
- Self-judgment Measurement
- Impact Resistance
- High Reliability

Applications

- Memory inclinometer
- Internal measurement of the drill pipe
- The wire rope hoisting measurement of the inclinometer winch
- Other single and multi-point inclinometer

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info@a-oneoil.com/admin@a-oneoil.com
www.a-oneoil.com

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Technical Parameters

General Spec		
Outer Diameter（OD）	38mm	45mm
Well Deviation Angle	(0~70)° ±0.1°	
Azimuth Angle	(0~360)° ±0.1°	
Temperature Rating	85℃	175℃with thermos
Pressure Rating	100MPa	140MPa
Storage Parameters		
Logging Time	60S	
Memory Capacity	1800 Spot	
Battery	6 × AA alkaline batteries	
Working Time	>12hours	

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