XY CALIPER TOOL - HD - 1 11/16 IN.



SKU: XYC002
Categories: Caliper, Cased Hole Wireline, HD Platform™, Production Logging

PRODUCT DESCRIPTION

The XY Caliper Tool (XYC002) provides a continual measurement of independent X & Y internal tubular diameters by means of measurement arms set at 90° apart. The tool closes to 1 11/16” and opens to 9” allowing use in both tubing and casing up to 9 5/8” OD.

As with all HD downhole products, internal temperature is recorded to non-volatile memory to enable detailed temperature exposure records to be maintained.

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	44.6 in (1134.0 mm)
Weight	15.5 lb (7.0 kg)
Materials	Corrosion resistant materials used throughout

Measurements

Resolution	0.005 in (0.127 mm)
Accuracy	Better than 0.1 in (2.54 mm)
Measurement Range	Tool OD to 9.0 in (228.6 mm)

Hardware Characteristics

Combinability	all HD tools (RADii, iQ, PL, RAS etc)	
Tool positioning	Centralized	
Acquisition mode	Real-time with TCU	Memory with MLT

Electrical Specification

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Current	7 mA @ 50 V	12 mA @ 19 V

Applications

Identification of defects such as scale build up, corrosion or deformation
Identification of completion items
Volumetric flow rate calculations & corrections

Version Control: 2021.11.17

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