## X-Y Caliper HD Tool (High-Speed Digital)

Provides continuous measurement of independent X and Y internal tubular diameters by means of measurement arms set at 90° apart

## Applications

- Accurate wellbore internal size measurement
- Casing and tubing evaluation
- Defect identification such as scale build up, corrosion, or deformation
- Identification of completion items
- Volumetric flow rate calculations can corrections

## **Features and Benefits**

- Combinable with all high-speed digital (HD) telemetry tools for comprehensive evaluation
- Collapsible caliper arms for navigation of wellbore restrictions
- Wide measurement range in a single run

### **Tool Description**

The tool closes to 1.69 in. and opens to 9.00 in., enabling use in both tubing and casing up to 9-5/8 in. OD.

### **Specifications**

#### **Ratings and Dimensions**

	Outside diameter	1.69 in. (43.0 mm)
	Length	44.6 ft (1,134 mm)
	Weight	15.5 lb (7 kg)
	Maximum temperature	350°F (177°C)
	Maximum pressure	15,000 psi (103.4 MPa)
	Materials	Corrosion-resistant materials

#### 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)





# X-Y Caliper Tool (HD)

## **Specifications (continued)**

#### Hardware Characteristics

Combinability	All HD tools (RADii <sup>®</sup> , iQ <sup>™</sup> , PL, RAS <sup>™</sup> )
Tool positioning	Centralized
Acquisition mode	Real time with telemetry control unit (TCU) Memory with memory logging tool (MLT)

#### Electrical

	Current	7 mA at 50 V
ounchi	Guirein	12 mA at 19 V



weatherford.com

© 2024 Weatherford. All rights reserved. 13756.00

Weatherford products and services are subject to the Company's standard terms and conditions, available on request or at weatherford com. For more information contact an authorized Weatherford representative. Unless noted otherwise, trademarks and service marks herein are the property of Weatherford and may be registered in the United States and/or other countries. Weatherford products named herein may be protected by one or more U.S. and/or foreign patents. Specifications are subject to change without notice. Weatherford sells its products and services in accordance with the terms and conditions set forth in the applicable contract between Weatherford and the client.