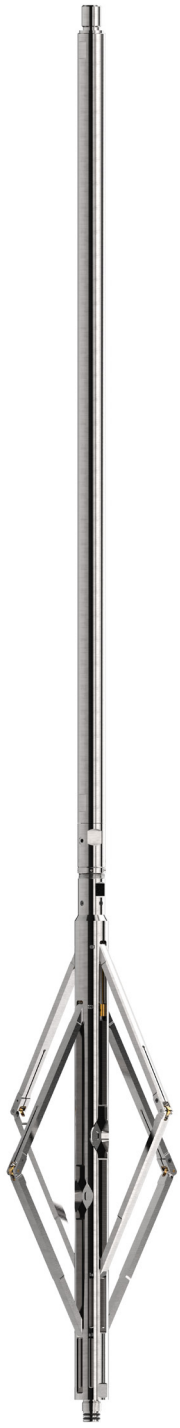
Technical Specification Sheet

Ultra High Temperature X-Y Caliper



The Ultra High Temperature (UHT) Dimension tool provides two continuous independent perpendicular measurements (X and Y) of the internal diameter of the casing, in line with a temperature profile of the well via an external fast-response temperature detector (RTD). Operating in memory mode, communications are via USB interface. Utilizing Probe Smart Battery technology to power the on-board electronics, it can measure up to 14.0” ID casing.

Ratings & Dimensions

Max temperature	617°F (325°C)
Max pressure	8,500 psi (58.6 mPa)
Outer diameter	2.125 in (53.98 mm)
Length	88.34 in (2.24 m)
Weight	55.0 lbs (24.95 kgs)
Measure Points	3.0 in - 14.0 in (76.2 mm - 355.6 mm)
No. of arms	4
Materials	17-4 PH or 825 Inconel

Hardware Characteristics

Sensor type	DVRT
Temperature	RDT
Battery type	AA Alkaline

Tool Measurements

Sample Rate Diameter	20 off X and temperature sps & 20 off Y and temperature sps
Sample Rate Temp.	1 sps
Diameter Accuracy	± 0.25 in (± 6.35 mm)
Temperature Accuracy	± 0.27°F (± 0.15°C)

Electrical Specification

Consumption	3.6V
Interface	U-rod

Application

Mode	Memory (SRO to follow)
Logging Time	4 hrs @ 325°C, 6 hrs @ 300°C

© Copyright 1994-2020 Probe Technologies Holdings, Incorporated. All Rights Reserved.