

# Dual Caliper Logging Tool (DCLT)

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## OVERVIEW

The Dual X-Y Caliper Tool (DCT) is run centralized in the production logging tool-string. The caliper arms are set at 90° to each other, to measure casing ID in the X-Y axes. The caliper assembly is fully collapsible down to tool diameter for running into and pulling of the hole.

## APPLICATION

- ❑ Determination of X and Y diameters at 90° in cased hole
- ❑ Measuring of casing deformation and major corrosion
- ❑ Detection of scale deposition in casing or tubing
- ❑ Correction of spinner derived fluid velocity

## FEATURES

- ❑ Combinable with WRTbus
- ❑ Non-dynamic sealing structure
- ❑ Low power consumption
- ❑ LVDT sensor



## SPECIFICATIONS

Parameters	Description
OD	43mm (1 11/16")
Cable	Mono-conductor
Max Working Temperature	175°C (347°F )
Max Working Pressure	103MPa (15,000psi)
Shipping Length	1125mm (44.28")
Make-up Length	1015.5mm (39.98")
X Arm	714.2mm (28.12") - 752.3mm (29.62")
Y Arm	789.2mm (31.07") - 827.3mm (32.57")
Weight	Around 6.5kg (14.33lb)
Operating Voltage	15-23V (Typical 18V)
Operating Current	<40mA
Resolution	0.381mm (0.015")
Accuracy	2.54mm (0.1") up to 150°C 5.08mm (0.2") up to 165°C 7.62mm (0.3") up to 175°C
Measuring Range	50.8mm (2")- 228.6mm (9")
Signal Amplitude	±1V
Threads	1 3/16 -12UN-2A/2B