

## CCL/Tension Tool (CTT05)

Titan Division | Instruments

### Overview

The CCL/Tension Tool (CTT05) is connected below the swivel sub and above TCC (tractor control cartridge). The tool determines the tool depth by measuring the number of casing collars. The tension tool measures the longitudinal force applied on the toolstring, which may be generated by upward stretching and downward compression.

### Application

- Avoid breakage of weak point
- Monitor friction of the tool
- Monitor tool stuck condition
- Measure casing collars for depth confirmation

### Specifications

Model	CTT05
OD	54mm (2 1/8")
Max Working Temperature	175° (347°F)
Max Working Pressure	100MPa (14500 Psi)
Shipping Length	1000mm (39.37")
Make-up Length	902mm (35.51")
Measuring Point	CCL: 197mm (7.76") Tension: 514.7mm (20.26")
Weight	About 10.5Kg (23.2 lbs)
Operating Voltage	Tension: 5VDC CCL: not applied
Operating Current	6.5mA±1mA
Tension Measurement Range	9.8KN (2203.13 lbf)
Repeatability	<2% (Full scale without hysteresis)
Hysteresis	<2% (Full scale)
Temperature Drift	<2% (Full scale)
Differential Output	2.7mV/V/KN
Upper Thread	WSDJ-GoB-1A
Lower Thread	WSDJ-1 51/64-10A

