

Fluid Characterization Tool

The Fluid Characterization Tool (FCT) is run in combination with any of the **SPACE**[®] family of ultrasound imaging and measuring instruments and provides four additional sensors to the toolstring in a rugged and compact housing.

Tool description

The FCT is a platform that brings real-time characterization of the well fluid to **SPACE**[®] services, allowing more complete evaluation of the wellbore environment.

Fully compatible with **SPACE**[®] **Panorama**, **SPACE**[®] **Focus** and **SPACE**[®] **Vernier**, FCT brings additional information without any added operating time.

CCL - A precision casing collar locator allows correlation of **SPACE**[®] data to existing completion information

Speed of sound - Continuous measurement of the local speed of sound allows real-time calibration of internal diameter data for **SPACE**[®] **Vernier** and enhanced dimensional imaging.

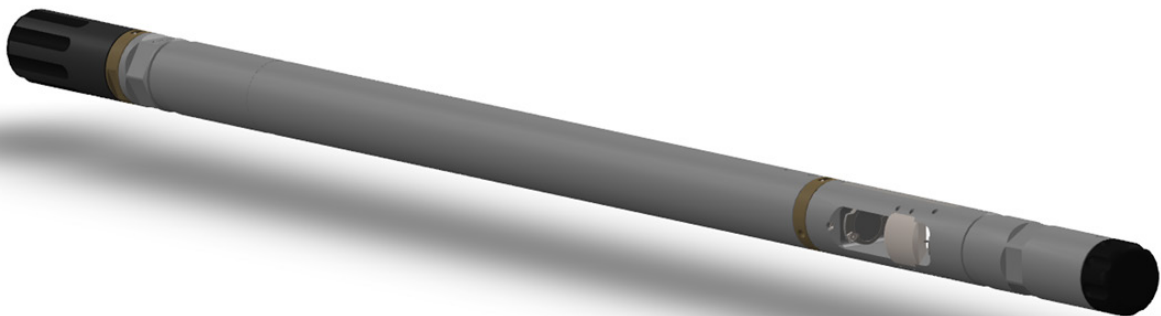
Pressure/Temperature - Accurate pressure data provides fluid gradients and interfaces, along with temperature profiling.

Specifications

Outer diameter	2-1/8" [54 mm]
Length	44.5" [113 cm]
Weight	29 lb [13 kg]
Maximum temperature	275°F [135°C]
Maximum pressure	7,500 psi [517 bar]

Data Output

Pressure:	range	0 - 7,500 psi [0 - 517 bar]
	accuracy	+/- 3 psi [0.21 bar]
	resolution	0.01 psi [0.0007bar]
Temperature:	range	32–275°F [0–135°C]
	accuracy	3.6°F [2°C]
	resolution	0.018°F [0.01°C]
Speed of sound (including waveform)		2953–6234 ft/s [900–1900 m/s]
	CCL	



Captured by **SPACE**[®]

archerwell.com/SPACE

SPACE@archerwell.com

