Technical Specification Sheet

Fluid Density Tool - Third Party - $1^{11}/_{16}$ in.

The Fluid Density Tool (FDT002) utilizes a double encapsulated low energy AM241 source and scintillation detector assembly to measure fluid density in the measurement window of the tool. This tool is configured for 3rd party source.

Ratings & Dimensions

Max temperature	350°F (177°C)
Max pressure	15,000 psi (103.4 mPa)
Outer diameter	1.69 in (43.0 mm)
Length	28.3 in (719 mm)
Weight	12.7 lb (5.8 kg)
Measure point	6.4 in (163 mm)

Sensor Characteristics

Measurement range	0 to 1.25g/cc
Accuracy	±0.03g/cc
Resolution	0.01g/cc

Hardware Characteristics

Combinability	All HD tools (RADii, iQ, PL, RAS, etc)	
Materials	Corrosion resistant materials used throughout	
Acquisition Mode	Real-time (with TCU)	Memory (with MLT)

Electrical Specification

Current	10mA @ 50V	24mA @ 19V

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