





Tuning Fork fluid Density Sub (TFDS)

OVERVIEW

The Tuning Fork fluid Density Sub (TFDS) tool is a non-radioactive fluid-density measurement tool, which measures the density of a fluid sample as it flows through the tool. The average density of the volume is measured whether the fluid is static or flowing.

With compact structure and smart electrical control, the tool features ease of use and maintenance.

APPLICATION

-  Fluid identification
-  Production profiling
-  High fluid flow rate
-  Horizontal and highly deviated wells



SPECIFICATIONS

Parameters	Description
Max Working Temperature	175°C
Max Working Pressure	103MPa (15,000psi)
OD	1-11/16" (43mm)
Make-up Length	21.18" (538mm)
Shipping Length	24.92" (633mm)
Measure Point	3.27" (83mm)
Wireline	Mono-conductor
Operating Voltage	+18V±1V
Operating Current	≈ 50mA
Range of Density Measurement	0.0g/cc-1.25 g/cc
Resolution	0.01g/cc
Accuracy	±0.03g/cc
Response Time	< 1s