

Tuning Fork Density (FDA16)

Titan Division | Instruments

Overview

The Tuning Fork Density (FDA) 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

Max Working Temperature	177°C (350°F)
Max Working Pressure	103 MPa (15,000 psi)
OD	1-11/16" (43mm)
Make-up Length	21.18" (538mm)
Tool Length	24.92" (633mm)
Measure Point	3.27" (83mm)
Weight	3.3Kg (7.31lb)
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
Upper Thread	1 3/16-12 UN-2A(B) GoC
Lower Thread	1 3/16-12 UN-2A(B) GoC

