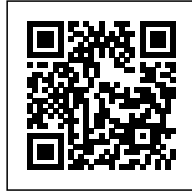


## TUNING FORK DENSITY TOOL - HD - 1 11/16 IN.



**SKU:** TFD001

**Categories:** [Cased Hole Wireline](#), [Fluid Density](#), [HD Platform™](#), [Production Logging](#)

## PRODUCT DESCRIPTION

The Tuning Fork Density Tool (TFD001) is an HD Platform non-radioactive fluid identification tool that is not affected by well inclination. It provides an industry-standard Fluid Density measurement based on vibrating fork technology.

Optimized for either pure gas or oil-water environments, it can also function as a useful free gas indicator.

### Ratings & Dimensions

<b>Max Temperature</b>	350°F (177°C)
<b>Max Pressure</b>	15,000 psi (103.4 mPa)
<b>Diameter</b>	1.69 in (43.0 mm)
<b>Length</b>	30.27 in (769.0 mm)
<b>Weight</b>	9.5 lb (4.3 kg)
<b>Tensile Strength</b>	15,000.0 lbf (6,803.9 kgf)
<b>Measure Point</b>	6.9 in (175.0 mm) from bottom of tool
<b>Materials</b>	Corrosion resistant materials used throughout

### Measurements

<b>Sensor</b>	Acoustic
<b>Range</b>	0 to 1.25 g/cc or better
<b>Accuracy</b>	+/-0.03 g/cc or better
<b>Resolution</b>	0.03 g/cc
<b>Response Time</b>	< 1 second

### Hardware Characteristics

<b>Combinability</b>	All HD tools: GR, CCL, iQ, RADii, RAS, PLT
<b>Tool Positioning</b>	Centralized

**Acquisition Mode** Real-time (with TCU)

Memory (with MLT)

## Electrical Specification

**Voltage**

50V DC

19V DC

**Current**

20 mA

50 mA

Version Control: 2021.11.17

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***On-line specifications are for REFERENCE ONLY and subject to change without notice. DO NOT USE FOR FIELD OPERATIONS.***