COMBINED
FLOW METER



Capacitance, Flow & Temperature

The Capacitance Flow & Temperature Tool combines offers a reduced length multiple sensor solution. All standard Fixed Cage Spinners and our Full Bore Spinner are compatible with the CFT meaning no additional flowmeters are needed.

The capacitance sensor provides an indication of the fluid type surrounding the sensor by measuring the dielectric constant of the fluid between the sensor and tool body. Used in combination with other sensors it provides qualitative fluid identification data.

A dedicated Hall Effect array provides 10 pulses per revolution flowmeter output and a fast response PRT measures well bore temperature.

Applications & Features

- Water Hold Up determination /Qualitative fluid identification
- Fast Response Temperature / Flow
- Improved sensor design

SPECIFICATIONS	
Temperature Rating*	177°C / 350°F
Pressure Rating	1,040bar / 15,000psi
Diameter	43mm / 1-11/16”
Weight	5.5kg / 12.1 lbs
Length	858mm / 33.791”
Effective Range	0 to 45% Hold up (water)
Hold up resolution	1%
Temperature Range	-40 - 177°C (-40°F to 350°F)
Temperature Accuracy (+/-)	0.5°C (0.9°F)
Temperature Response time	~0.5 sec.
Temperature Resolution	0.003°C (0.006°F)
Materials	Corrosion Resistant througout