

CASED-HOLE LOGGING

CAPACITANCE TEMPERATURE FLOW



MAKING INTERVENTION
SMARTER

By combining multiple sensors, the overall tool length is reduced compared to a standard length PLT string. The Capacitance Temperature Flow (CTF) combines three sensors together – capacitance water hold up, temperature and flowmeter – with a single electronics section.

FEATURES

- 3 sensor measurement in a single tool
- Quantitative downhole fluid hold-up measurement
- Well-fluid velocity and direction
- Leak and cross-flow detection
- Temperature of the surrounding borehole fluid
- High resolution and fast response
- Combinable with other GE Ultrawire™ tools
- Memory or surface read-out operation

SERVICE NAME	CTF
Length	470 mm / 18.5 in
Weight	2.45 kg / 5.4 lbs
OD	43 mm / 1.688 in
Hold-up range	0-45% water hold-up
Hold-up resolution	1%
Temp accuracy	± 0.56 °C / ± 1 °F
Temp resolution	0.003 °C / 0.006 °F
Spinner output	10 pulses / rev
Maximum pressure	1030 bar / 15 000 psi
Maximum temperature	177 °C / 350 °F