



3 3/8" Product Line

Dual Induction Log

The Dual Induction Log instrument is most suitable in high-resistive mud systems, e.g. oil-based and fresh-water mud or air-filled holes. It provides four measurements: a Deep and a Medium Induction curve, a Shallow Focused Laterolog and a Spontaneous Potential (SP) curve (SP only if mud conditions allow). The transmitter and receiver coils are arranged in such a way that a deep penetration of the formation is ensured.

Specifications			
Diameter:	92 mm	(3.62")	Source Type: Electrode Arrays Sensors: Coil Array (Induction) Electrode Array (Laterolog, SP)
Length:	7490 mm	(294.9")	
Weight:	134 kg	(295 lbs)	Measure Points (from bottom): ILD: 3340 mm (131.5") ILM : 2290 mm (90.2") LL8: 510 mm (20.1") SP : 3340 mm (131.5")
Max. Temp:	175°C	(350°F)	
Max. Pressure:	140 MPa	(20 000 psi)	
Telemetry required:	yes		
Top Connector:	yes		
Bottom Connector:	none		

Measuring Parameters:

Measuring Range:		Accuracy:
Induction (Deep and Medium):	0.5 to 5000 mS/m (mmho)	The greater of ± 3 % and ±5 mS/m (mmho) * surface equipment dependent
LL8:	0.5 to 5000 mS/m (mmho)	
SP:	-1000 to 1000 mV *	

Logging Parameters

Recommended		Recommended	
Min. Hole Diameter:	127 mm (5.0")	Logging speed:	30 m/min (5900 ft/hr)
Max. Hole Diameter:	430 mm (16.9")	Sample Rate:	selectable

Displayed Standard Curves

RILD in Ohmm	Deep Induction Resistivity
RILM in Ohmm	Medium Induction Resistivity
LL8 in Ohmm	Shallow Laterolog Resistivity

Combinability

With all other 3 3/8" instruments
This instrument must be the bottom tool within a string

