

4" Dual Induction Laterolog

Product Reference: 050-FE400-0000

The Dual Induction Laterolog (DIL) Tool provides an accurate profile of borehole invasion and formation resistivity.

The tool provides measurements at three depths of investigation, a deep and medium induction curve and a shallow laterolog resistivity curve.

The DIL tool is recommended for conductivity values of up to 5000 mmho/meter and where the resistivity of the mud filtrate is greater than the resistivity of the formation water. The shallow laterolog measurement uses a guarded electrode type resistivity measurement operating at a lower frequency to provide a good and shallow resistivity measurement.



SPECIFICATIONS - 4" DUAL INDUCTION LOG

Diameter	4"	10.2 cm	Mechanical:	
Length	240"	6.1 m	Top Connection	10 or 17 pin GOI type
Weight	345 lb.	156 kg	Bottom Connection	10 or 17 pin GOI type
Operating Voltage	100 VDC		Measurement Range:	
Operating Current	85 mA. DC		Deep Induction Curve	0.2–2,000 Ω m
Limitations:			Medium Induction Curve	0.2–2,000 Ω m
Maximum Pressure	15,000 psi	103 MPa	Laterolog Curve	0.2–2,000 Ω m
Maximum Temperature	300°F	149°C	Accuracy	
			Deep Induction Curve	within 1%
			Medium Induction Curve	within 1%
			Laterolog Curve	within 1%

RELATED PRODUCTS

- 050-FE40A-1700 4" Dual Induction Laterolog (17 Pin)
- 055-IND01-0001 Induction calibration loop with deep cal value and medium cal value (460 mmho)
- 055-IND01-0005 Laterolog calibration box
- 035-FE020-0000 Rubber induction standoff sheets
- 035-AS000-0021 Vertical make-up plate

At Probe, we design, manufacture and service specialized modular downhole tools and systems. Our tools are used in formation evaluation, well integrity assessment and well productivity determination across the global energy industry.

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