

3 3/8" Product Line

Micro Resistivity Imager

The Micro Resistivity Imager is a 6-arm device recording the detailed image of a bore-hole with a high vertical resolution. The design of the tool is most suitable for 8 1/2" holes, but provides also good results in holes from 6" up to 16". The instrument works best in conductive-mud systems in open holes. The Micro Resistivity Imager requires an Orientation Tool.

Specification

Diameter:	121 mm (4.75")	No of Arms:	6
Length:	3460 mm (136.2")	Sensors:	144 buttons (24/pad) 3axis magnetometer 3axis accelerometer
Weight:	225 kg (496 lbs)		
Max. Temp:	175°C (350°F)		
Max. Pressure:	140 MPa (20 000 psi)		
Telemetry required:	yes		
Top Connector:	yes		
Bottom Connector:	yes		

Measuring Parameters

<u>Measuring Range:</u>		<u>Accuracy:</u>	
Caliper:	150 - 500 mm (5.9" - 19.7")	Caliper:	± 5 mm (0.2")
Micro Resistivity :	0.2 to 200 Ohmm		

Logging Parameters

<u>Recommended</u>		<u>Recommended Logging Speed:</u>	
Min. Hole Diameter:	150 mm (5.9")	Image Mode:	3 m/min (600 ft/hr)
Max Hole Diameter:	500 mm (19.7")	Dipmeter Mode:	18 m/min (3600 ft/hr)
		Sample Rate:	selectable

Displayed Standard Curves

Cal14, Cal25, Cal36	Caliper from 6 independent radii
in mm or in	
AccZAvg in g	Average z-axis accel value for sample period
DAZ in deg	Drift Azimuth Borehole direction from magnetic north
DEV in deg	Deviation Borehole deviation from vertical
AZ in deg	Azimuth Pad 1 offset from true north
RB in deg	Relative bearing Rotation of Pad1 from high side
Pad1Avg...Pag6Avg in mV	Curve Value Average of 24 buttons sample for each pad
AButtons in mV	Array contains all buttons, shifted to depth reference

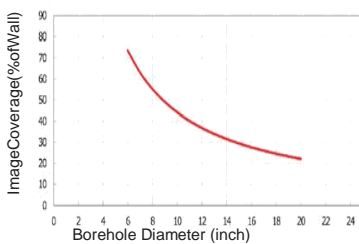


Figure left indicates the image coverage versus the borehole diameter



Combinability

With all other 3 3/8" instruments (requires Orientation Section)