



The Multi-arm Caliper MAC 40 is a state of the art, sophisticated logging tool that performs an accurate inspection of the casing interior.

The MAC 40 acquires vivid imaging of the inspection casing. The data provided provides you with the knowledge necessary to plan cost effective work-over and remedial operations.

The tool is designed with a small outside diameter with a large working range of measurement. The tool is capable of logging all weights of 4 1/2 inch through 7 inch casings. Each of the 40 arms sends an individual measurement to the surface. The actuation of each arm is converted to an electrical signal and transmitted above ground in a data frame consisting of a frame identifier, 40 arm channels, an electronics temperature data and a checksum. The data is transmitted at a rate of 13 times per second. The surface equipment decodes the data frame and stores the data to disk.

The Multi-arm Caliper MAC 40 offers the option of presenting the data in a log form with various imaging presentations ranging from a cross section of the casing to a 3-D type, color enhanced visualization.

Specifications - 2.75 in. Multi-Arm Caliper Tool (40 arm)				
Outside Diameter (O.D.)	2.75 in.	(6.9 cm)	Operating Parameters:	
Length	83.45 in.	(2.1 m)	Signal Input	Probe PTX Telemetry
Weight	71 lbs.	(32.2 kg)	Logging Speed	30.60 ft./min. 900-1800 cm./min.
Operating Voltage	110 VDC		Data Transmission	13 times per second
Operating Current	40 mA. DC		Measurement Range	4 to 7 in.
Maximum Pressure	15,000 psi	(103.4 MPa)	Radial Resolution	0.003 in.
Maximum Temperature	300° F	(149° C)	Accuracy	± 1%

Specifications courtesy of Probe Technology Services, Inc.



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