VULCANTM MFT 24 high-temperature caliper technical data sheet



Scientific Drilling's Vulcan[™] MFT 24 provides a fit-for-purpose solution in delivering highly accurate measurements for early detection of deformities, corrosion, and scale in tubing and casing.

With a finger sensor every 15°, fast electronics, and large memory capacity, the Vulcan™ MFT 24 can sample 100 times per second. This provides high-resolution, high-accuracy information on the condition of the tubular.

For more information on the leading caliper technology for high-temperature wellbore inspection requirements, contact your Scientific Drilling sales representative or visit:

http://scientificdrilling.com/cased-hole-services

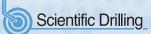
APPLICATIONS

- Tubing and casing evaluation
- Deformity detection
- Perforation mapping
 - Corrosion and scale monitoring
- Critical drift analysis data for future tool conveyance decisions

BENEFITS

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- Slickline and coiled tubing conveyable for low risk and cost effective well interventions
- Slim design for access through small restrictions and suspected buckled tubulars
- Improved electronics enables faster logging and increased temperature range
- Comprehensive data delivery including report with statistical joint-by-joint analysis, 2D logs and cross-sections and selected 3D images



GENERAL SPECIFICATIONS				
LENGTH	Caliper Centralizer Total Length	98 in (2489 mm) 28 in (711 mm)x2 154 in (3912 mm)		Battery -
DIAMETER	1.75 in (44.45 mm) (Standard)	1.85 in (47 mm) (Flasked)		
WEIGHT	35 lbs (15.9 kg)	37.5 lbs (17.0 kg)		
MEASUREMENT RANGE DIAMETER	1.8 in -4.5 in (45.72 mm - 114.3 mm)	Optional 1.8 in-7.2 in (45.72 mm-182.88 mm)		001 -
MAXIMUM TEMPERATURE	330° F (166° C)	High Temp Version 428° F (220° C)		CCL -
MINIMUM SAMPLE RATE	Every 1/100th of a seco	Every 1/100th of a second (0.01 seconds)		
HORIZONTAL Accuracy/resolution	±0.02 in (0.508 mm)/0.0	±0.02 in (0.508 mm)/0.001 in (0.025 mm)		
VERTICAL Resolution @30FPM	0.06 in (1.52 mm)	0.06 in (1.52 mm)		Motor -
INCLINOMETER/HIGHSIDE RESOLUTION	±5° (5°-355°) rotation a		Wotor	
MAXIMUM PRESSURE	12,000 psi (827 bar)			
CONSTRUCTION MATERIALS	Corrosion-resistant thro	bughout		
*Specifications are subject to cha	nge without notice			Memory -
				LVDT's -
100 000 CD 100 C				Caliner
010	S			Caliper Fingers

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