

VULCAN™ MFT 24

MULTI-FINGER TOOL



THE ULTIMATE CASSED HOLE
EVALUATION SOLUTION



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

With a finger sensor every 15°, faster electronics, and increased memory capacity, the Vulcan™ MFT 24 can sample 100 times per second. This allows for better profiling measurements, offering detailed results in hours.

DELIVERING THE ULTIMATE VALUE

- + Optimal performance at significantly higher temperatures (Up to 428°F/220°C)
- + Enhanced no-motion auto close safety feature, to assist with tool retrieval
- + Improved electronics, enabling faster logging and increased temperature range
- + Innovative design, allowing easy on-site maintenance
- + Full analysis software, providing statistical joint by joint analysis and 3D views of pipe

TARGET APPLICATIONS

- + Tubing and casing evaluation
- + Deformities, corrosion, and scale detection
- + ESP and whipstock setting point determination

PRODUCT SPECS

LENGTH	Caliper	95 in (2413 mm)
	Centralizer	24 in (609.6 mm)x2
	Total Length	143 in (3632 mm)
DIAMETER	1.75 in (44.45 mm)	1.85 in (47 mm)
	(Standard)	(Flashed)
WEIGHT	35 lbs (15.9 kg)	37.5 lbs (17.0 kg)
MEASUREMENT RANGE	1.80 in-4.5 in	Optional
	(45.72 mm-114.3 mm)	1.80 in-7.2 in (45.72 mm-182.88 mm)
MAXIMUM TEMPERATURE	330° F (166° C)	High Temp Version
		428° F (220° C)
MINIMUM SAMPLE RATE	Every 1/100th of a second (0.01 seconds)	
HORIZONTAL ACCURACY/RESOLUTION	±0.02 in (0.508 mm)/0.001 in (0.025 mm)	
	VERTICAL RESOLUTION @30FPM	0.06 in (1.52 mm)
INCLINOMETER/HIGHSIDE RESOLUTION	±50 (50-3550) rotation and inclination	
MAXIMUM PRESSURE	12,000 psi 1034.2 bar	
CONSTRUCTION MATERIALS	Corrosion-Resistant Throughout	
MAXIMUM LOGGING DURATION	@ 0.01s = 7.4 hours	