



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

- + 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)
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)
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	±5° (5°-355°) rotation and inclination	
MAXIMUM PRESSURE	12,000 psi (827 bar)	
CONSTRUCTION MATERIALS	Corrosion-resistant throughout	

*Specifications are subject to change without notice

