

PRODUCT SPEC SHEET

# VULCAN™ MFT 24

Scientific Drilling's Vulcan™ MFT (Multi-Finger Tool) 24 is an extreme temperature, high accuracy, high resolution caliper tool that provides detailed inspection inside the completion string.

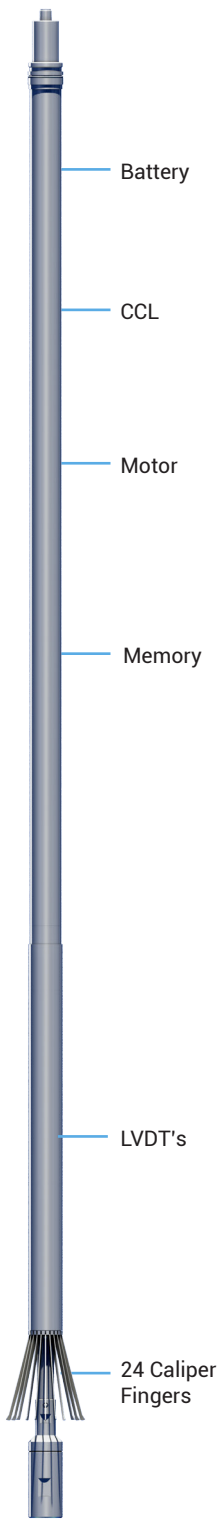
With a finger every 15°, large memory capacity and fast electronics, the Vulcan™ MFT 24 can sample 100 times per second. This improves profiling measurements for more detailed results.

### DELIVERING THE ULTIMATE VALUE

- Integral Casing Collar Locator
- Ability to run in conjunction with any of SDI's memory tools
- In-house data processing for rapid analysis and final reporting
- High Temperature capability

### TARGET APPLICATIONS

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



## TECHNICAL SPECIFICATIONS

Diameter	Standard 1.75 in (44.45 mm)	Flasked 1.85 in (47 mm)	
Length	Caliper 95 in (2413 mm)	Centralizers 24 in (609.6 mm) x 2	Total Length 143 in (3632 mm)
Weight	Standard 35 lbs (15.9 kg)	Flasked 37.5 lbs (17.0 kg)	
Measurement Range	1.80 in - 4.5 in (45.72 mm - 114.3 mm)	<b>Optional</b> 1.80 in - 7.2 in (45.72 mm - 182.88 mm)	
Minimum Sample Rate	100 samples/second		
Horizontal Accuracy/Resolution	±0.02 in (0.508 mm) / 0.001 in (0.025 mm)		
Vertical Resolution @ 30 fpm	0.06 in (1.52 mm)		
Inclinometer/High-side Accuracy	±5° (5° - 355°) rotation and inclination		
Maximum Pressure	12,000 psi		
Maximum Temperature*	330°F (166°C)	High Temp Version 428°F (220°C)	
Construction Materials	Corrosion- Resistant Throughout		
Maximum Logging Duration	@ 0.01s = 7.4 hours		

\*Maximum temperature rating dependent on run duration.  
 \*\*Specifications are subject to change without notice.