

Technical Data - MCT³

Standard methods	
ASTM C1624, ASTM E2546, ISO 14577, ISO 20502	

Technical Specifications	
Maximum load [N]	30
Load resolution [μ N]	6
Load noise floor [rms] [μ N]	100
Loading rate [N/min]	up to 300
Depth range [μ m]	1000
Depth resolution [nm]	0.03
Depth noise floor [rms] [nm]	1.5
Data acquisition rate [kHz]	192
Scratch speed [mm/min]	0.1 to 600
Options	
Peltier heating up to 120 °C	✓
Heating stage up to 200 °C	✓
Cooling down to -120 °C	✓
Electrical contact resistance (ECR)	✓
Liquid testing	✓