

Technical Data - NST³

Technical Specifications	
Maximum load [mN]	1000
Load resolution [μ N]	0.01
Load noise floor [rms] [μ N]	0.1
Loading rate [N/min]	Up to 100
Maximum friction force [mN]	1000
Friction force resolution [μ N]	1
Maximum depth [μ m]	600
Depth resolution [nm]	0.1
Depth noise floor [rms] [nm]	1.5
Data acquisition rate [kHz]	192
Scratch speed [mm/min]	0.1 to 600