

Technical Data -instrumented indentation tester

Standard methods

ASTM E2546

	UNHT ³	NHT ³	UNHT ³ Bio
Maximum indentation load [mN]	50 / 100(1)	500	20
Load resolution [μN]	0.003	0.002	0.006
Load noise floor [rms] [μN]	≤ 0.05	≤ 0.5	0.1
Maximum indentation depth [μm]	50 / 100(1)	200	100
Depth resolution [nm]	0.003	0.01	0.006
Depth noise floor [rms] [nm]	≤ 0.03	≤ 0.15	0.25
Options			
Sinus mode	✓	✓	
Liquid testing	✓	✓	✓
Heating stage up to 200 °C			
Heating stage up to 450 °C			
Heating stage up to 800 °C			
Petri dish holder			✓