

## Technical Data -instrumented indentation tester

Standard methods				
ASTM E2546				

	UNHT <sup>3</sup>	NHT <sup>3</sup>	MHT <sup>3</sup>	UNHT <sup>3</sup> Bio
Maximum indentation load [mN]	50 / 100(1)	500	30000	20
Load resolution [ $\mu$ N]	0.003	0.002	6	0.006
Load noise floor [rms] [ $\mu$ N]	$\leq 0.05$	$\leq 0.5$	<100	0.1
Maximum indentation depth [ $\mu$ m]	50 / 100(1)	200	1000	100
Depth resolution [nm]	0.003	0.01	0.03	0.006
Depth noise floor [rms] [nm]	$\leq 0.03$	$\leq 0.15$	<1.5	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				✓