

TEST NAME: ATOMIC FORCE MICROSCOPY DENTIN MATERIALS

OPERATING CONDITIONS

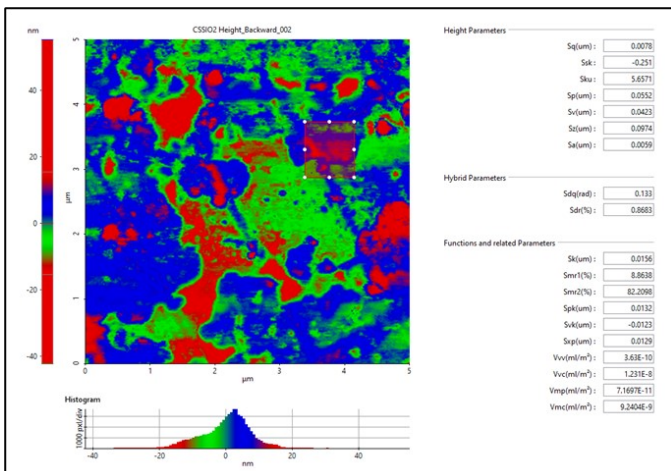
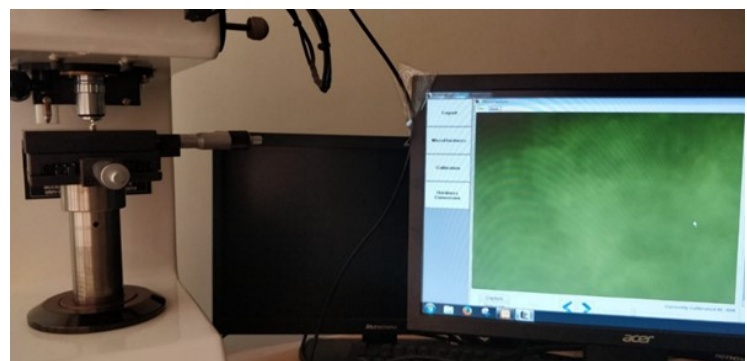
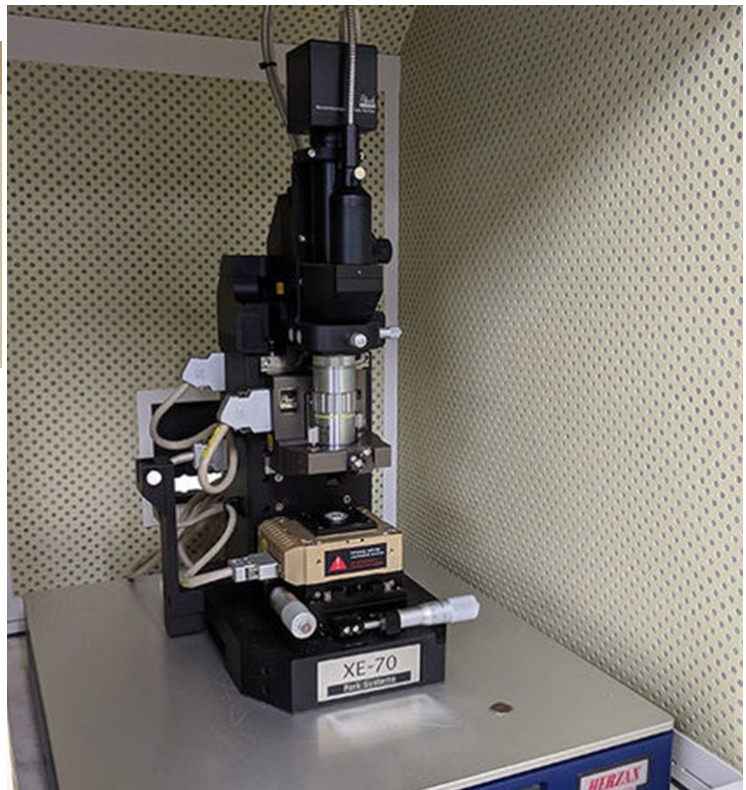
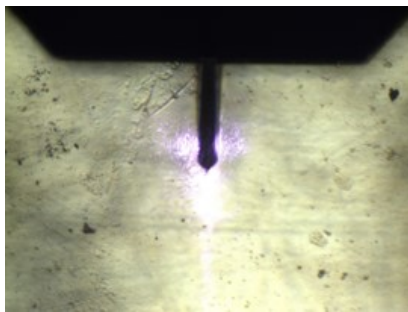
1. SAMPLE TYPE: DENTAL MATERIAL
2. SCAN SIZE 5 UM * 5 UM
3. SCAN RATE 1 UM/S
4. 3D GENERATOR
5. STANDARD SCAN SPEED

TESTING REQUESTOR: DR. XXXXX XXXXXXXX

INSTRUMENT MAKE & MODEL:

PARK SYSTEMS XE-70

RESULTS	Value Data in um
ROOT MEAN SQUARE AVERAGE ROUGHNESS (Rq)	4.553
ARITHMETIC AVERAGE ROUGHNESS (Ra)	3.700
MAXIMUM PEAK TO VALLEY HEIGHT OF THE PROFILE ROUGHNESS (Rz)	19.61



Nanowatts Technologies Ltd

AFM SURFACE ROUGHNESS PROFILING:

