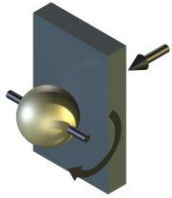
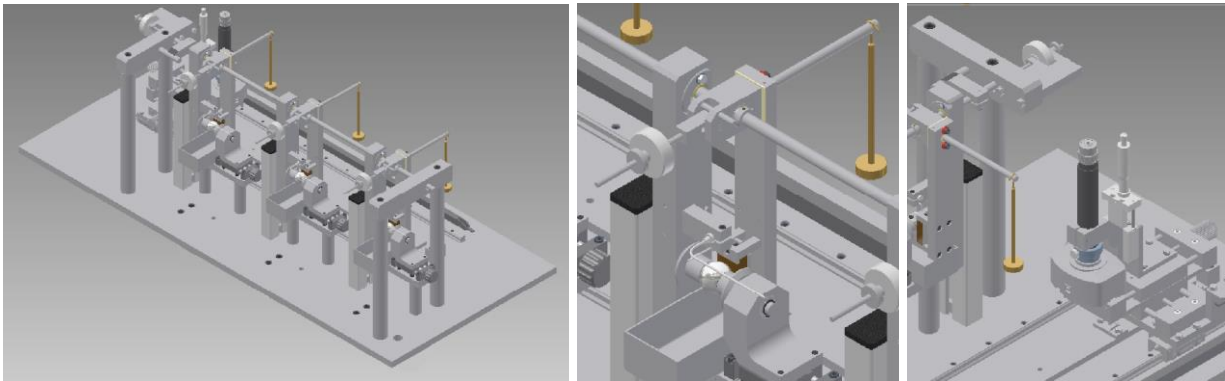


HTP 090 Three Station Ball Cratering/Microscale Abrasion High Throughput Tribometer



- Single function
- Multi-station
- Easy to Operate
- Control via PLC



Description

This is a three station version of the standard TE 66 Micro Scale Abrasion Tester, which has been built as both single and multi-station versions, for many years. This instrument represents a rationalisation of the most recent multi-station design.



The unit is used to determine the wear coefficient of hard and soft coatings and monolithic materials, by abrasive wear, in a ball on plate contact configuration, in accordance with BS EN 1071-6. The instrument may also be used as a crater-generating tool on coated surfaces for coating thickness determination.

Ball scar measurements are made in situ using a USB microscope camera, with software running on a user provided laptop or PC.

The machine is designed to be bench-mounted, with installation footprint kept to a minimum. It is simple to operate, so requires minimal training. Control is implemented with a PLC, with inputs via touch-screen.



Specification

Motion	Rotary	
Load	0.1 to 5	N
Diameter	25	mm
Speed	30 to 150	rpm
Temperature	Ambient	°C
Test Stations	3	
Manually Set Parameters		
Load	Yes - dead-weight	
Rotational Speed	Yes	
Test Duration	Yes	
Data Logged Parameters	N/A	