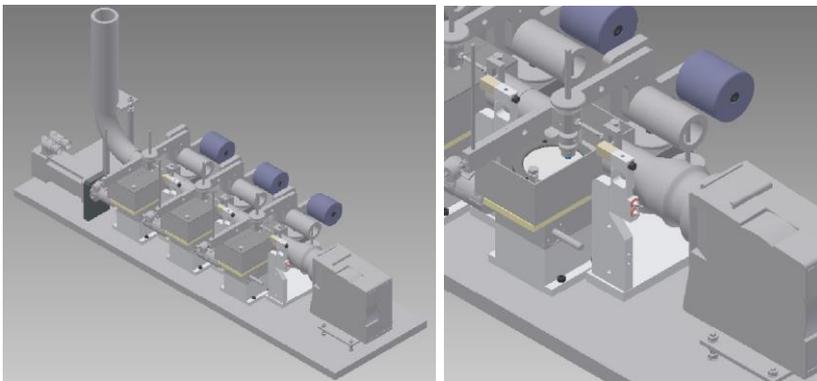


# HTP 100 Three Station High Temperature Pin on Disc High Throughput Tribometer

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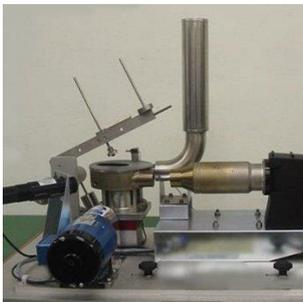


- Single function
- Multi-station
- Easy to Operate
- Control via PLC
- Data exported on USB stick



## Description

This instrument is a development of an earlier product, the TE 98 High Temperature Pin on Disc Machine.



The unit incorporates three conventional pin on disc test assemblies, generally in compliance with ASTM G99. It is designed for running dry pin on disc tests at temperatures from ambient to 500°C. Non-contact heating of the specimens is provided by an electrically heated hot air gun.

Loading is by dead-weight and a force transducer is fitted to each test station, so that friction for each contact is measured independently.

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. Data is stored by the device and exported on USB stick.



## Specification

Motion	Rotary	
Load	1 to 60	N
Diameter	75	mm
Speed	2 to 200	rpm
Temperature	Ambient to 500	°C
Test Stations	3	
<b>Manually Set Parameters</b>		
Load	Yes - dead-weight	
Rotational Speed	Yes	
Temperature	Yes	
Test Duration	Yes	
<b>Data Logged Parameters</b>		
Temperature	Yes	
Friction Force	Yes - each sample	