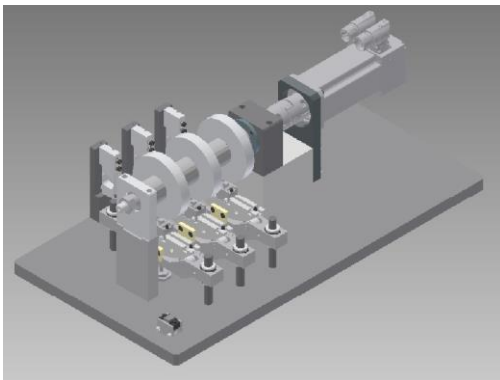


# HTP 070 Three Station Block on Ring Friction High Throughput Tribometer

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



## Description

This instrument is an updated version of the TE 56 Multi Station Block on Ring Machine.



This wear and friction test machine uses simple test specimens offering conforming and non-conforming block-on-ring contact geometry. The machine meets and exceeds the requirements of ASTM G137. Relocating block specimen holders provide for accurate re-positioning of the specimens after weighing; this enables wear to be measured during tests. Force transducers are provided on each test station for friction measurement.

Load is applied to each test station by means of pneumatic cylinders, connected in parallel. Pressure to the cylinders is manually controlled by means of a precision pressure regulator.

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	5 to 150	N
Diameter	100	mm
Speed	10 to 380	rpm
Temperature	Ambient	°C
Test Stations	3	
<b>Manually Set Parameters</b>		
Load	Yes - Pneumatic	
Rotational Speed	Yes	
Test Duration	Yes	
<b>Data Logged Parameters</b>		
Load	Pressure Transducer	
Friction Force	Yes - each sample	
Temperature	Yes - each sample	