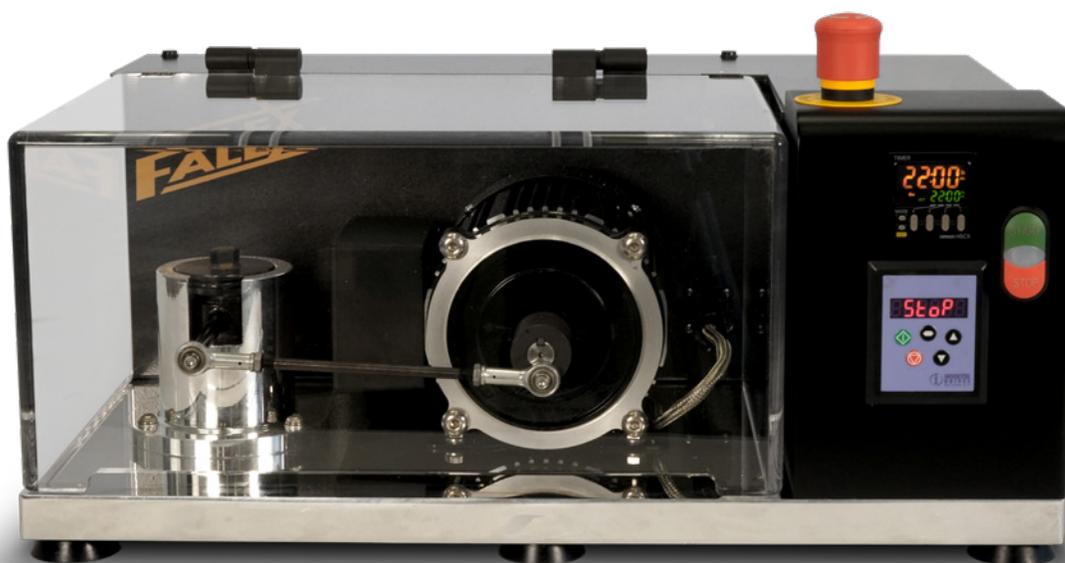


# FALEX

## FRETTING WEAR TEST MACHINE

### New Generation Fretting Wear Tester Offers Increased Safety And Convenience!



The revamped Fretting Wear Test Machine from Falex meets the requirements of ASTM D4170, "Standard Test Method for Fretting Wear Protection by Lubricating Greases," while offering integrated digital time control, ability to operate at variable speeds, increased user safety and a fresh, modern appearance.

The tester uses two ball thrust bearings, lubricated with the test grease and oscillated through an arc of 0.21 radians ( $12^\circ$ ) at a frequency of 30.0 Hz (1800 cpm) under a constant load of 2450 N (550 lbf) for 22 hours at room temperature. Fretting wear is determined by measuring the mass loss of the bearing races.

Falex Corporation, being the listed sole source supplier of the required bearing specimens, is ready to handle all of your ASTM D4170 needs.



## Fretting Wear Test Machine

### Features

- » Variable speed motor, with speeds ranging to 1,800 cpm
- » Digital controls with panel-mounted, programmable timer for required 22 hours and up to 9,999 hours
- » Self-aligning mechanism for proper alignment of bearing
- » Automatic time cut-off for test
- » Protective safety cover
- » Emergency shut-off button
- » Requires Falex test bearings (sold separately)

### Technical Specs

**Utility Requirements** 220V, 50/60 Hz, 8 amp

**Compact Design**

Width	23" (59 cm)
Depth	16" (41 cm)
Height	10.5" (27 cm)

**Weight**

Machine Only:	90 lbs (41 kg)
Estimated Shipping:	150 lbs (68 kg)

### Standard Method

**ASTM D4170** Standard Test Method for Fretting Wear Protection by Lubricating Greases

## Ordering Information

Part Number	Description
081-001-005	Falex Fretting Wear Test Machine 220V 50/60 Hz
100-560-001	Test Bearings 15/Box

*Falex Corporation follows a policy of continuous product improvement. Specifications are subject to change without notice.*



### Distributed by: