

Pin and Vee Block Tester

test method

To evaluate wear preventative and load carrying properties of fluid lubricants, and endurance (wear) life of film lubricants.

pin and vee block tester

The Koehler K95190 Pin and Vee Block Tester rotates a ¼ inch diameter test pin against two ½ inch Vee blocks. The test can be performed either immersed in fluid with a constant temperature bath or dry film bonded lubricants and additive packages. The unit features an integrated touchscreen computer for easy operation, calibration, data acquisition and system generated test reports.

Applications include:

- Determining the endurance life and load carrying capacity and wear properties of dry solid lubricants
- Evaluating the lubricant fluid, wear preventative and extreme pressure properties
- Testing materials and coatings for the frictional and wear behavior
- Metal working fluids
- Dry-film coatings
- Hard coatings

Features

- Integrated touch screen computer
- Real time data acquisition
- Programmable loads and temperature
- User defined parameters

ordering information

catalog no.	description
K95190	Pin and Vee Block Tester, 230V 50/60Hz
K95190-1	Digital Wear Measurement System and Software



K95190 Pin and Vee Block Tester

specifications

Conforms to the specifications of:

ASTM D2625, D2670, D3233 and D5620
Test Load: 0 to 3000 lbf direct load (4500 lbf reference load)
Torque: 0 to 100 in-lb (11.7 N-m)
Real time wear measurement system
Fluid Temperature: Ambient to 100°C
Test Speed: 290 ± 10 rpm
Electrical Requirements: 220 VAC 1 Phase, 50/60Hz

Included Accessories

Test Specimens

- Vee Block (10 pairs)
- Test Pin (10)
- Shear Pin, Brass (10)

Calibration Report
Operation and Maintenance Manual