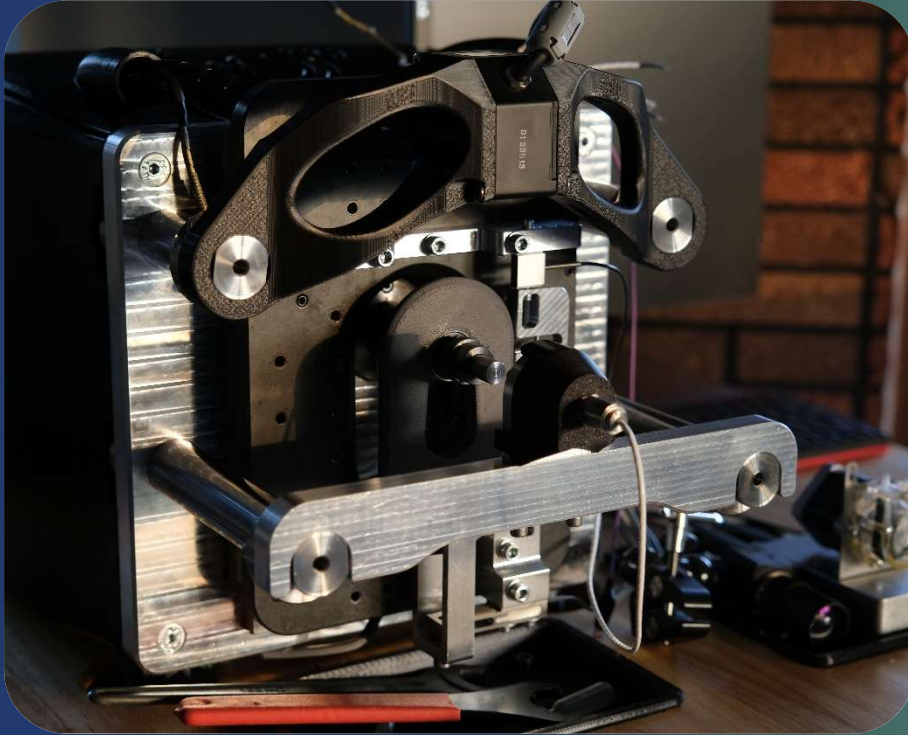


Journal Bearing Tester (JBT-1k)

The Table Tribometer for Plain Bearing Development



DISCOVER FRICTION

JBT-1k enables precise analysis of bearing materials and lubricants - for a small investment.

EXACT EVENT RESOLUTION

The finely tuned components make it possible to precisely assign friction properties to the angle of rotation.

TEST FLEXIBLY

Flexible adjustment options for the test parameters ensure accurate simulation of real operating conditions.

JBT-1k

Contact Geometry	Radial plain bearing, conformal contact, block-on-ring
Movement Type	Rotatory Sliding
Rotatory Speed	Basic variant 3.000 RPM, up to 40.000 RPM
Load Range	Basis variant up to 1.000 N normal force
Temperature	RT - 120 ° C fluid temperature
Sensors	Torque, wear, temperature
Weight	Ca. 80 kg
Dimensions	800 mm x 800 mm x 800 mm (H x W x D)
Electrical Connection	230 V; 16 A; 50/60 Hz
Measurement Frequency	Up to 20 kS/s
Options	Lubrication unit Contact current measurement Speed ratios Acoustic Emission measurement

