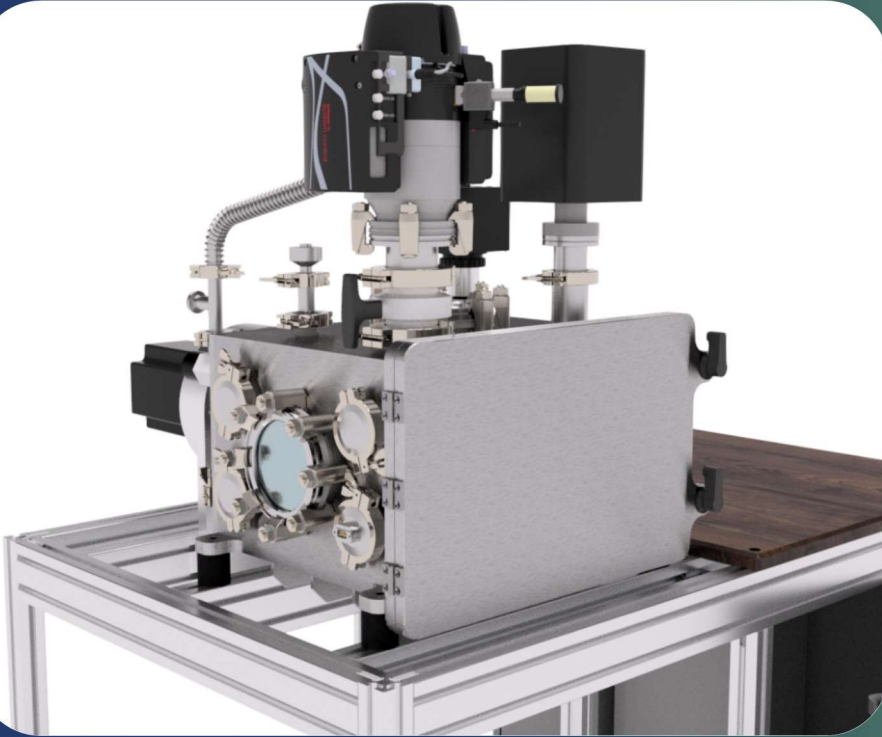


Vacuum Test Bench (VacuTrib)

Knowing, What Happens Behind Closed Doors



PRACTICAL TEST CONDITIONS

VacuTrib simulates realistic operating conditions and provides precise measurement data for your most important components.

HIGH VACUUM TESTING AT ITS BEST

Test angular contact ball bearings, linear guides, ball screws and other mechanical components under the most extreme vacuum conditions.

QUALIFICATION OF LUBRICANTS

Examine the mechanical load-bearing capacity, service life and initial behavior of your vacuum lubricants.

VacuTrib

Contact Geometry & Load Range	Depends on test cassette Motor torque up to 15 Nm
Type of Movement	Primary drive rotatory
Speed	0 - 2500 RPM
Pressure	Atmosphere up to - 1×10^{-6} mbar
Temperature	RT - 120 ° C: Components separately heatable
Sensors	Friction forces and torque, temperatures and pressure
Weight	Ca. 235 kg
Dimensions	VacuTrib: 1700 mm x 1300 mm x 800 mm (H x W x D) Chamber: Inside 230 mm x 400 mm x 365 mm (H x W x D)
Electrical Connection	400 V; 16 A; 50/60 Hz
Test Standards	Keine
Options	Spiral-Orbit Cassette Pin-on-Disk Cassette Ball-Screw-Drive Cassette Heating unit for heating the test chamber

