

Rotational Tribometer (RoTri-8k)

For Continuous Rotational Loads



PRECISION IN MOTION

The RT8001 test stand enables high-precision analysis of friction and wear processes under realistic load conditions.

INDUSTRIAL QUALITY

Variable setting options allow each test process to be adapted precisely to your specific requirements.

360° OVERVIEW

The coordinated measurement technology of the Ro-Tri allows the most accurate description of the tribological system on each circular section.

RoTri-8k

Contact geometry	All axially loaded rotation systems
Type of movement	Rotational gliding, oscillating if necessary
Speed & velocity	60 - 6000 rpm Corresponds to approx. 0.01 - 40 m/s in standard version
Load range	Basic version 100 - 8,000 N
Temperature range	-25 °C - 350 °C Fluid temperature
Sensors	Frictional torque, temperatures, wear rate, contact current
Weight	Approx. 350 kg
Dimensions	2400 mm x 1100 mm x 600 mm (H x W x D)
Electrical connection	400 V; 32 A; 50/60 Hz
Measuring frequency	Up to 10 kS/s
Options	Extended load range Structure-borne sound measurement Optimized evaluation tools Special specimen holder

