Description:
- Aerostatic and thus quasi-frictionless mounted test chamber
- Measurement of the friction torque between the shaft and the RSS using a modular force transducer
- Conditioning of the oil by an external tempering unit
- Oil sump with variable oil level or spraying of the sealing point
- Temperature measurement at the sealing gap using a thermographic camera
- Adaptation of the sealing environment to project-specific requirements

Technical Specifications:
- Spindle speed: max. 10,000 1/min
- Oil temperature: 20 ... 150 °C
- Shaft diameter: 20 ... 160 mm

Field of Application:
- Friction torque measurement
- Leakage measurement

Sectional view of the friction torque test bench (Principle sketch)