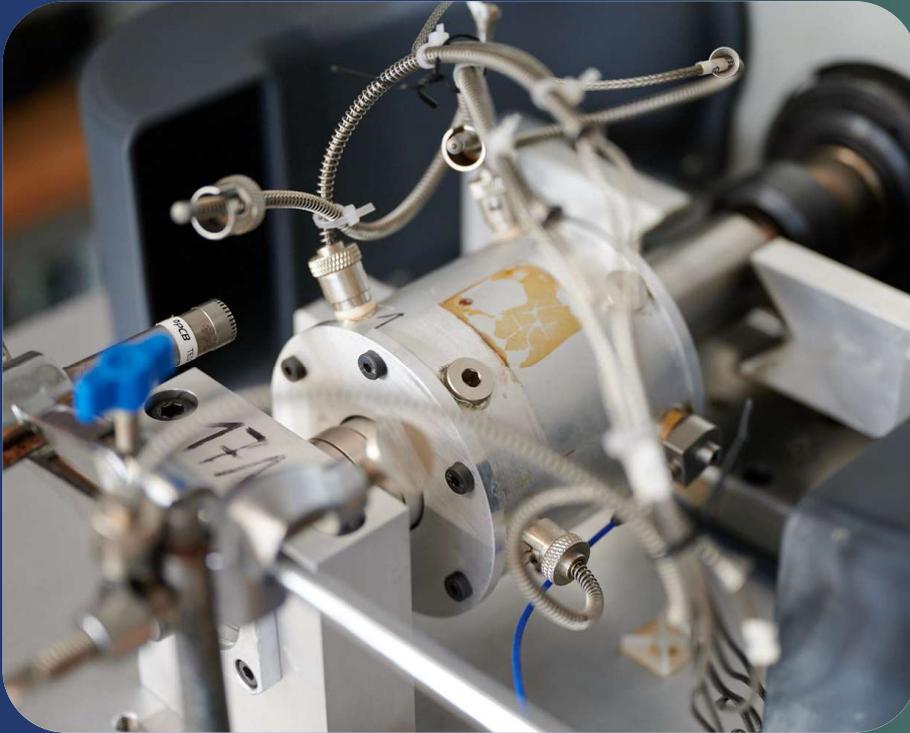


High-Speed-Bearing-Tester (HSBT)

High Speed, Higher Precision



AT THE HIGHEST SPEEDS

Developed as a test bench for e-mobility bearing development, speeds of up to 24,000 revolutions are easily possible with the HSBT.

TWO BECOME ONE

With the help of a shaker box connected to the shaft by a brake, the test bearing can be subjected to standstill marking and false brinelling loads.

COMPREHENSIVE S CHAIN

In addition to classic measurements such as torque and temperature, the basic version features broadband microphones and vibration sensors.

HSBT

Contact Geometry	Standard version angular contact ball bearing 7206
Type of movement	Rotating, swiveling, vibrating
Speed range	Basic version up to 24,000 rpm
Load range	Axially braced up to 20,000 N
Temperature range	20 - 100 ° C
Sensors	Frictional torque, temperatures, vibration, sound
Weight range	Approx. 150 kg
Dimensions	1200 mm x 800 mm x 1200 mm (H x W x D)
Electrical connection	400 V; 16 A; 50/60 Hz
Standard tests	-
Options	Structure-borne sound measurement Lubrication unit or dosing pump Alternative test heads Evaluation tools

