

Multi-Station-Bearing-Tester RBT – FE9

The Statistics Test on the Rolling Bearing



STATISTICAL TESTING MADE EASY

With five test stations, the RBT-FE9 enables efficient and statistically sound test management.

MODERN AND RELIABLE

The tried-and-tested rolling bearing test bench offers state-of-the-art technology and provides reliable data for the service life analysis of rolling bearings.

EASY HANDLING - HIGH FLEXIBILITY

The RBT-FE9 is designed to produce reliable results for different bearing types and both grease and oil lubrication.

RBT-FE9

Test specimen	Angular contact ball bearing 7206 (FE9); axial cylindrical roller bearing 81206, angular contact ball bearing 7306, tapered roller bearing 31306 (FE8 head)
Form of motion	Rolling
Speed range	45 - 1500 1/min or 180 - 6000 1/min
Load range	1,500 to 4,500 N; 5,000 N - 30,000 N FE8 head
Temperature range	RT - 100° C Oil - circulating lubrication; grease tests up to 200° C
Sensors	Frictional torque, temperature at bearing back and fluid
Weight range	Approx. 300 kg
Dimensions	1200 mm x 2000 mm x 800 mm (H x W x D)
Electrical connection	400 V; 32 A; 50/60 Hz
Standard tests	DIN 51347-2 : 2000-01, ASTM G137 - 97, Reichert working paper
Options	Vibration or structure-borne sound measurement Lubrication unit Special probes Sound insulation box

