

BEARING ENDURANCE TEST SYSTEM

Bearing Endurance Test System is designed to perform durability tests with different speed, lubrication, load and temperature conditions according to the automotive and defence industry specifications.

System is capable of testing different types of bearings with its adjustable test area interface.



DURABILITY TESTS

WITH DIFFERENT CONDITIONS OF

- **SPEED**
- **LUBRICATION**
- **LOAD**
- **TEMPERATURE**

SYSTEM FEATURES

- High & low speed test system options
- 0-50.000 rpm range
- 0-5 kN lateral force
- 0-3 kN radial force
- 0-300°C temperature control range
- Grease & oil lubrication options
- Speed, temperature, acceleration, oil flow measurement

CONTROLLER & SOFTWARE

- 19" rack cabinet chassis (customizable)
- Input / output channel number configured with respect to the customer needs: digital, analog, communication, counter etc.
- Configurable for different applications such as using pneumatic and hydraulic actuator, electromechanical and electric motor systems
- Sensor calibration menu
- Warning and alarm definitions
- Drag & drop feature on user interface
- Automatic test with configurable test steps
- Test scenarios via test file



for
**AUTOMOTIVE
DEFENCE
RAILWAY
industries**

TAILORED FOR EXCELLENCE