

SHAFT TEST SYSTEM

Shaft test system is designed to perform durability, life cycle, performance and quality control tests of front and rear axle shafts.

It is capable of performing two shaft tests at the same time with different angles, ambient temperature and also shaft speed. With the modular system design approach different types of axle shafts (front, rear, cardan-shafts, heavy-truck, truck, commercial vehicle etc.) can be tested with one single test unit.



- **DURABILITY**
- **LIFE CYCLE**
- **PERFORMANCE**
- **QUALITY**

TWO SHAFT TESTS

AT THE SAME TIME

SYSTEM FEATURES

- Front and rear cardan shaft testing
- Up to 3500 rpm speed control
- Longitudinal and vertical position control (shaft angles and movement)
- Shaft torque and force observation
- Modular design for different cardan shafts (truck, light commercial vehicle etc.)
- Adjustable control interface
- Thermal cycle testing
- Muddy-water testing (sand-mud / Arizona sand)

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



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