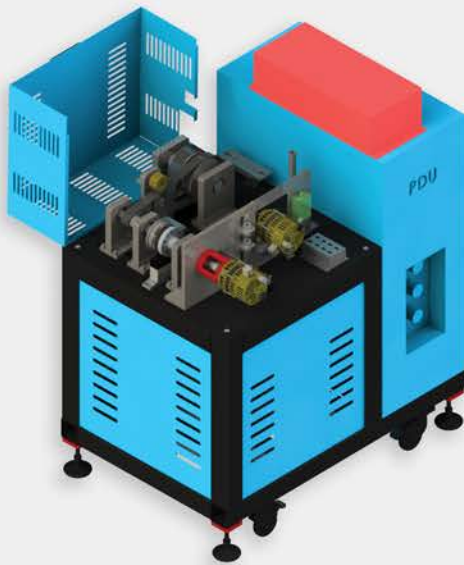


ALTERNATOR TEST SYSTEM

Alternator Test System is designed to perform durability, life cycle, performance and load tests of alternators used in aeronautical, defense and automotive industries.

Test system is also capable of performing functional tests of alternator control units.



- **PERFORMANCE TEST**
- **DURABILITY TEST**
- **LIFE CYCLE TEST**
- **LOAD TEST**
- **FUNCTIONAL TESTS**

SYSTEM FEATURES

- Direct drive and belt type alternator test capability
- 0-25.000 rpm speed range
- Torque, speed, temperature, current, voltage measurement
- ECU communication
- Electronic load (DC) or resistive load options
- All features can be modified upon request

CONTROLLER & SOFTWARE

- 19" rack cabinet chassis
- Up to 16 hydraulics actuators / different test setups
- Configurable input / output channel numbers and specifications
- High-frequency control and data logging applications
- Stable and consistent 10 kHz real-time PID control architecture
- Automatic amplitude & offset compensation
- Data-logging up to 5 kHz/channel and up to 100 channels
- Intuitive sensor calibration menu
- Conditional warning and alarm definitions
- Automatic test with configurable test steps
- Test scenarios via test file



for
AERONAUTICAL
AUTOMOTIVE
DEFENCE
industries

TAILORED FOR EXCELLENCE