



Rotating Torque Test Machine

Product Information

Performs fatigue or ultimate torque tests on CV joints while rotating and articulated.

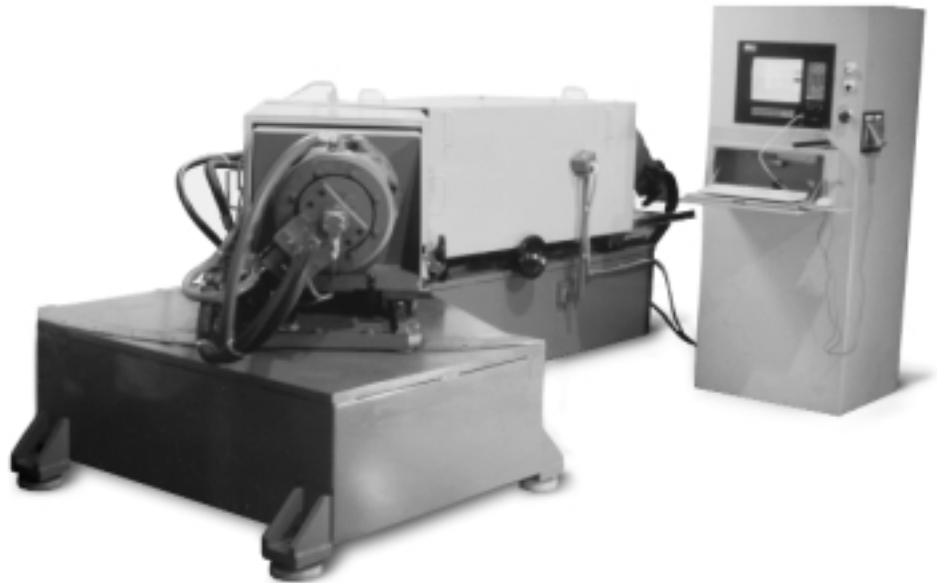
The **Rotating Torque** test machine consists of two hydraulic drives operating in close loop speed and torque control. Accelerating and brake forces on the shaft can be simulated.

Capabilities

- Rotates shaft 0-80 rpm and increases the torque up to 5000 ft/lb or until the specimen fails
- Torsional fatigue test while rotating 0-60 rpm

Data Collection

- Acquires torque, which is being applied one per revolution
- Offers torque efficiency (above 400 ft/lb)
- Creates a deflection versus torque graph
- 0-50 degree angle of articulation



Rotating Torque machine with 5000 ft/lb capacity for torsional and fatigue testing while rotating 0-80 rpm.

Features

- Will angle 0-50 degrees to allow testing while the joint is articulated
- 0-5000 ft/lb torque capability
- Full NIST traceability
- Computer-based controls
- Can provide over-running or resistive torque
- Easy setup and operation



Computer-based controls using Lab-View®



DYNAMIC TESTING & EQUIPMENT, INC.

A DIVISION OF AUTOMATIC HANDLING, INC.



DYNAMIC TESTING & EQUIPMENT, INC.

360 LAVOY ROAD

ERIE, MICHIGAN 48133

TELEPHONE: 734.847.0633

FAX: 734.847.1872

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