

Clutch Durability Test Machine

Model 2909

The Model 2909 Clutch Durability Test Machine is used to measure clutch wear over extended operating conditions. Accelerated results of clutch durability may be examined over shorter periods of time and under extreme or typical operating conditions. Characteristics such as wear, slip, travel and engagement time may be viewed in real time.



Programmable controls using ProLink interactive software allow the operator an easy method to establish test variables and output data formats.

The machine employs the complimentary designed bell housing or can accommodate a simulated housing as a fixture of test mounting. The clutch, disc and flywheel are mounted as, in vehicle. The assembly can then be brought to operating velocity and repeatedly cycled to monitor key characteristics over time. Some key observation features are: disc wear, clutch travel, engagement/disengagement load, torque, speed and stroke.

Features

- ✓ Fully automated process with ProLink software
- ✓ All components are mounted on a T-slot bed for precision alignment
- ✓ Controlled clutch actuation as specified by the user
- ✓ Clutch housing is temperature controlled
- ✓ Cooling air with flow control
- ✓ “On the fly” component wear measurement

Typical Specifications

Speed	Variable from 0-4000 rpm
Input Drive	140 hp
Absorber Motor	400 ft-lb
Controls	ProLink software, fully automated process
Stroke Velocity	20 inches/second
Stroke Force	300 lb

Disclaimer:

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Equipment pictured in this brochure may be shown with safety equipment removed or disabled for purposes of illustration. Equipment must never be operated with safety equipment removed or disabled.

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