

Features:

- Fully automatic solenoid tester optimized for Ford PMGR solenoids
- High-resolution linear servo system for solenoid performance testing
- Operates with built in color flat touch screen and PC running Windows 98/XP/NT
- Measures and checks all critical solenoid parameters
- External temperature sensor for programmable temperature compensation
- All parameters are measured with programmable test conditions
- Precise control and measurement of plunger position
- User configurable Pass and Fail reports and labels with graphical plot of plunger movement, spring force and contact voltage drop
- Can detect weak or imbalanced coils, defective springs, assembly errors, and mechanical restrictions
- 150 Amp power supply
- Inputs for reject bin, part sensors etc.
- Outputs for marking device, pass/fail indication, test in progress
- Pneumatically operated solenoid fixture
- Quick disconnect contact system with AMPHENOL heavy duty connectors
- Secure connection to the unit via universal contact system or with quick change fixture
- Optional safety light curtains
- Database program for test specifications



Technical Data Measured Parameters:

Pull-in & Hold-in coil resistance
Pull-in & Hold-in current at programmable voltage
Pull-in & Hold-in force at programmable voltage
Solenoid balance
BOR (Over travel)
Plunger seal position and force

Contact voltage drop at high current
R terminal output test
Pull-In & Hold-In voltage
Contact spring compression force
Return spring compression force
Optional gripper for PMGR style plungers

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