

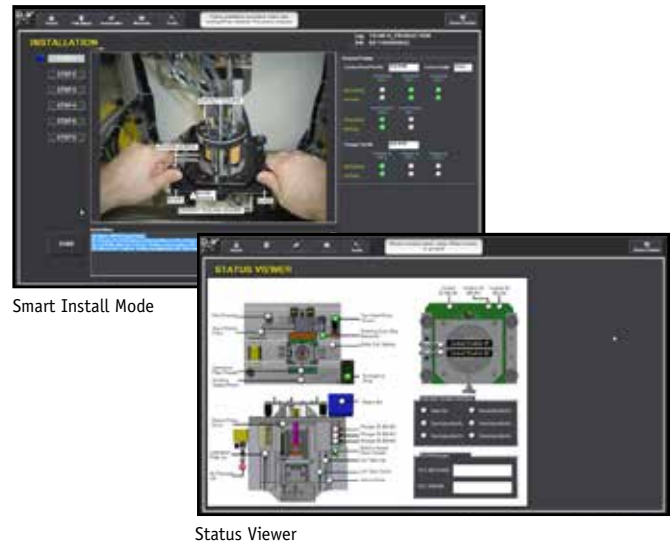
- New generation fully-automatic in-line solenoid tester with improved speed, accuracy and measuring capabilities
- Patent Pending measuring methods allowing cycle time under 10 seconds
- Two-times increased productivity compared to previous generation tester
- Ready for standard, single coil, tandem, electronic and CoM solenoids



The SST-162 is new generation solenoid tester with advanced measuring capabilities. It is designed as a fully automatic in-line solenoid tester for production testing for all types of solenoids. With a Fast measuring time between 8 to 10 seconds, it precisely measures and checks all critical solenoid parameters to detect weak or imbalanced coils, defective springs, assembly errors, and mechanical restrictions.

Features

- New generation fully automatic in-line solenoid tester with advanced measuring capabilities
- Ready for standard, single coil, tandem, electronic and CoM solenoids
- Patent pending measuring methods allow fast measuring time between 8 to 10 seconds and a typical cycle time 12 to 15 seconds
- Automatic pass or fail handling mechanism
- Complete poke-yoke for all tooling including plunger and contact system
- Smart installation procedure and improved diagnostic mode
- Two-times increased productivity compared to previous generation tester
- Programmable reports with force/position plots
- Touch-screen based DVLink interface allows test specifications results to be remotely retrieved/stored in cloud network storage
- Built-in visual diagnostic troubleshooting interface
- Increased reliability by utilizing electronic switching modules
- High-resolution linear servo system for solenoid performance testing
- External temperature sensor for programmable temperature compensation
- 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
- Quick disconnect contact system with AMPHENOL® heavy-duty connectors
- Secure connection to the solenoid via universal contact system or with quick change fixture
- Optional infrared solenoid temperature measurement



Smart Install Mode

Status Viewer

	Low-Power Version	High-Power Version
Output Voltage	0-24V	0-48V
Output Current	0-120 A	0-480 A
Measured Force	0-100 Kg	0-250 Kg
Typical Voltage/current Measuring Accuracy	0.1 %	0.1 %
Typical Position Accuracy	0.01 mm	0.01 mm
Typical Force Measuring Accuracy	0.2 %	0.2 %
Typical Test Time	9 Sec.	9 Sec.

Typical 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 Magnetic Balance
- BOR, Burn Off Reserve (Over travel)
- Plunger Maximum Position and Force
- Force/Position Curve
- Contact Voltage Drop at High Current
- R Terminal Output Test
- Pull-In & Hold-In Voltage
- Springs Compression Forces and Spring Force/Position Curve
- Optional Gripper for Solenoid Plunger

