AXILINE SOLX PRO

BY SUPERFLOW

DIGITAL SOLENOID TESTER

WWW.SUPERFLOW.COM  1.888.442.5546

AXILINE • DTS • HICKLIN • SUPERFLOW • TCRS
The Axiline SolX PRO is a revolutionary solenoid tester with features that make testing solenoids simple, fast and extremely valuable. The same electronics and software that control the Axiline VBT 8000 valve body tester and SuperFlow’s Axiline and Hicklin brands of transmission dynamometers is now available on the Axiline SolX PRO or as an upgrade to your existing Zoom SolX solenoid testers. SuperShifter PRO software allows unmatched control of the solenoids you’re testing from a simple laptop interface. The powerful program is packed with features for advanced control of modern solenoids including on/off solenoids, pulse-width modulated (PWM) solenoids, linear solenoids, and complete solenoid packs. With features like fully adjustable frequency range, fully adjustable duty cycle and fully adjustable ramp time the SolX PRO is unlike anything else available. Other popular features include manual control of up to five solenoids, learn and save profiling mode, solenoid current and resistance tests, and hot/cold pass fail tests. The fully digital gauges, buttons and strip charts are easy to read and they will never fail.

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>DIMENSIONS</th>
<th>23” L x 24” H x 22” W (58 cm x 61 cm x 56 cm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>WEIGHT</td>
<td>76 lbs (315 kg) dry</td>
</tr>
<tr>
<td>POWER REQUIREMENTS</td>
<td>110 V, 20 Amp</td>
</tr>
<tr>
<td>OPERATOR ADJUSTABLE FREQUENCY RANGE</td>
<td>0 - 5,000 Hz</td>
</tr>
<tr>
<td>OPERATOR ADJUSTABLE CYCLE TIME</td>
<td>User Defined</td>
</tr>
<tr>
<td>OPERATOR ADJUSTABLE DUTY CYCLE</td>
<td>0 - 100%</td>
</tr>
<tr>
<td>FLOW RANGE</td>
<td>0 - 1.5 GPM</td>
</tr>
<tr>
<td>PRESSURE RANGE</td>
<td>0 - 140 PSI</td>
</tr>
</tbody>
</table>

Axiline has a wide range of solenoid blocks available for most modern late model solenoids. If you already own several Zoom SolX adapters keep them when you upgrade to the Axiline SolX PRO. To save you money, the Zoom test blocks are fully compatible with this machine.

Solenoids plug into each block and are plumbed with oil at the back of the block with a quick connect coupler. Color coded wires power the solenoid and are represented in the software so you can quickly tell which solenoid channel you are controlling.

Axiline has a wide range of solenoid blocks available for most modern late model solenoids. If you already own several Zoom SolX adapters keep them when you upgrade to the Axiline SolX PRO. To save you money, the Zoom test blocks are fully compatible with this machine.

Solenoids plug into each block and are plumbed with oil at the back of the block with a quick connect coupler. Color coded wires power the solenoid and are represented in the software so you can quickly tell which solenoid channel you are controlling.

Axiline has a wide range of solenoid blocks available for most modern late model solenoids. If you already own several Zoom SolX adapters keep them when you upgrade to the Axiline SolX PRO. To save you money, the Zoom test blocks are fully compatible with this machine.

Solenoids plug into each block and are plumbed with oil at the back of the block with a quick connect coupler. Color coded wires power the solenoid and are represented in the software so you can quickly tell which solenoid channel you are controlling.

Axiline has a wide range of solenoid blocks available for most modern late model solenoids. If you already own several Zoom SolX adapters keep them when you upgrade to the Axiline SolX PRO. To save you money, the Zoom test blocks are fully compatible with this machine.

Solenoids plug into each block and are plumbed with oil at the back of the block with a quick connect coupler. Color coded wires power the solenoid and are represented in the software so you can quickly tell which solenoid channel you are controlling.

Axiline has a wide range of solenoid blocks available for most modern late model solenoids. If you already own several Zoom SolX adapters keep them when you upgrade to the Axiline SolX PRO. To save you money, the Zoom test blocks are fully compatible with this machine.

Solenoids plug into each block and are plumbed with oil at the back of the block with a quick connect coupler. Color coded wires power the solenoid and are represented in the software so you can quickly tell which solenoid channel you are controlling.
SUPERSHIFTER PRO® CONTROL SYSTEM

The SuperShifter Pro® control system is included on the SolX PRO. It gives users a simple digital interface to control both the solenoid tester and the solenoids they are testing. Three screens within SuperShifter PRO provide the necessary tools to fully develop, test or diagnose solenoids. Popular features of SuperShifter PRO for the SolX include: individual control of up to 5 solenoids, built in automated solenoid resistance tests, auto cycle for timed tests set to user defined duty cycles and the solenoid profiler for live solenoid performance graphs over a known good reference graph. The easy-to-read digital displays for input pressure, output pressure and flow make it easy to understand how solenoids are performing under test.

Color coded channel selectors on the left hand side of the screen match the colored wires that power the solenoids in the cabinet so identifying which channel you are testing is simple. Machine controls to turn the pump on, start the heater and set the desired oil temperature are also handled from the simple on screen display. Solenoid tests are quickly performed by setting the desired duty cycle and test time then clicking auto-cycle to ramp the solenoid through the duty cycle. Test settings can be saved for future use to cut down on setup time. Resistance tests are automated and generate pass/fail analysis screens for the operator that includes the measured resistance.

Manual Solenoid Control Screen provides manual control of up to five individual solenoids. The simple click-to-edit frequency ranges provide fast adjustment of solenoid response. Each of the five channels have individual controls which can be loaded from a saved test or manually set for the different solenoids mounted in the machine. Auto-cycle will test the selected solenoid to the desired channel settings and cycle time.

Solenoid Test Screen provides automated hot and cold solenoid pass/fail testing of each solenoid’s resistance. Two parameter sets can be stored in the same test file so the operator only has to select a cold test or hot test and the machine will generate pass/fail results based on the correct parameters. The results include solenoid name, its pass/fail result, and its resistance. Test parameters are click-to-edit so setup is quick. Parameters can be modified for single use or memorized for future use on the same type of solenoid.

Solenoid Profile Screen allows users to create profiles of a solenoid’s input pressure, output current and flow rate across the duty cycle. Profiles can be saved as reference profiles to compare future solenoids against. To run the test, open the reference profile on the graph and enter the duty cycle and time in seconds to ramp the solenoid. The profiler will make a live trace of the solenoids input pressure, output current and flow rate across the duty cycle so the operator can quickly compare it to the reference profile already loaded on the graph. To aid in operation, the graph auto scales according to the measured values during the test.
SuperFlow® is a global market leader specializing in high-performance automotive testing and rebuilding equipment. Since the early 1970’s SuperFlow® products have been used daily by professional engine builders, the military, technical schools, professional race teams, speed shops, transmission rebuilders, universities, and leading automotive manufacturers to produce powerful and efficient vehicles. Our commitment to providing the best products and service at a great value has given us the opportunity to work with some of the most notable companies in the automotive industry. Come see why thousands of businesses have already chosen SuperFlow® for all of their testing needs.

CALL 1.888.442.5546 for more information on the Axiline® SolX Pro solenoid tester.

Or visit us at superflow.com