

ASE SSL 3.0 Automated Test System

Source Capabilities

- AC Source
 - 0 to 300V RMS
 - 0 to 6.5A
 - Frequency 45 to 1000 Hz
 - Crest Factor 6
- DC Source
 - -425 to 425V
 - 0 to 5.0A
- AC+DC Source
- Sine wave
- Square wave
- Clipped Sine wave
- User Definable waves

Measure Capabilities

- AC RMS and AC+DC RMS
- Voltage
- DC Voltage
- AC RMS and AC+DC RMS
- Current
- DC Current
- Real, Reactive, and Apparent
- Current
- THD
- Power Factor
- Current Crest Factor
- AC Ripple

Load Capabilities

- Constant Current
- Constant Voltage
- Constant Resistance
- LED Simulation
- Dedicated LED Loads
- Capability for multiple load channels
- Up to 4 High Current load channels (<20A)
- Up to 8 Low Current load channels (<2A)

Services Available

- Turnkey Solutions
- Technical Support
- Installation and Setup
- Maintenance
- Application Support

For more information on any of our products or services please visit us on the Web at:

www.asetest.net



The ASE SSL 3.0 Test System can be used for testing of single or multi-channel LED drivers, either constant current (up to 20A) or constant voltage (up to 500Vdc). The system is easily configured to meet end user requirements in order to optimize hardware and minimize test cycle time.

The ASE SSL 3.0 Test system can also be used to test LED luminaries with up to 300VRMS (750VA maximum) or 425Vdc (575W maximum).

A POS printer can be added to the system to provide a hard copy of the results. Results can also be stored in an output file or database.

A handheld or fixed barcode scanner can be added to the system to allow for the entry of the unit identification into the operator interface.

Software Features

The test system utilizes National Instruments' TestStand software to manage test configurations and sequences. TestStand also provides a development and test management environment that enables the operator to:

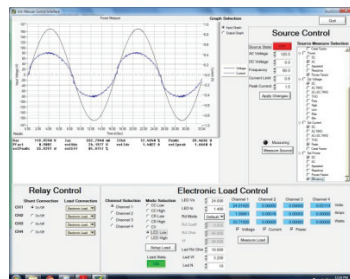
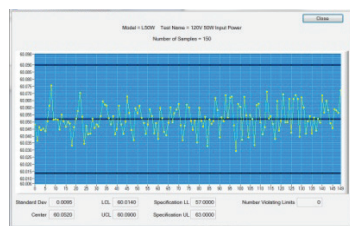
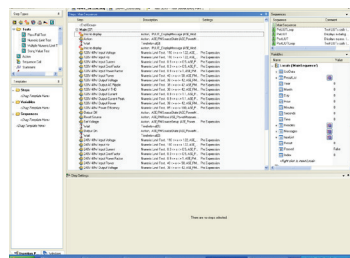
- Define test sequences
- Perform tests
- Display results
- Generate reports

A standard operator interface is used for managing test sequences for multiple unit types.

The test system provides a default output file format for the test results, but the output can be customized for each customer's requirements.

Test results can be reviewed to monitor the performance of the system and the units under test using the provided results query window. SPC alarms can be set to alert the users when the results indicate when the selected tests are out of control.

Manual operation allows the testing of units with different source and load conditions. This can be used for test development and debugging of failed units.



2410 United Drive
Greenville, NC 27834
USA
Phone +1 252.714.0149
E-mail: info@asetest.net