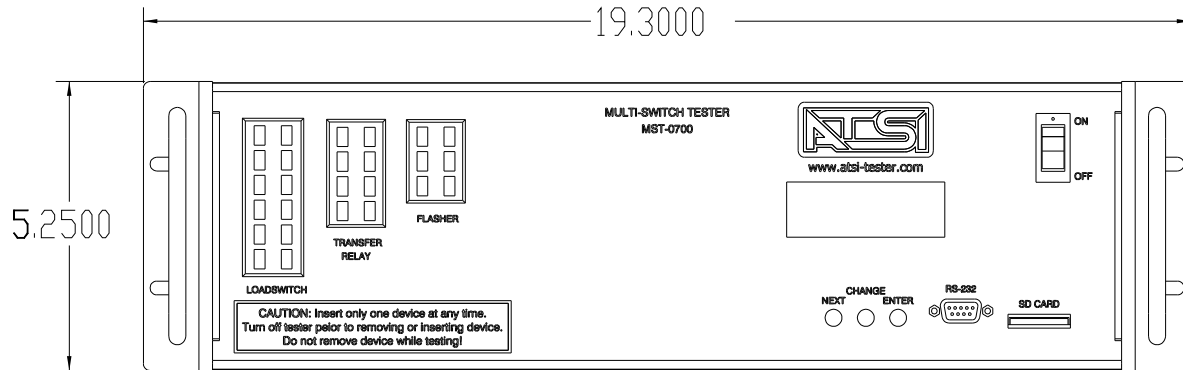




MST-700 Multi-Switch Tester

The MST-700 is a fully automated tester designed to test Load Switches, Flashers, and Transfer Relays that are used in traffic signal installations conforming with NEMA or CalTrans Specifications.



Operator Interface

The operator interface consists of a 4 line by 20 character vacuum fluorescent display and 3 pushbuttons. All test setup parameters are entered via this interface. The results of each test are shown on the display. A computer is not required.

Test Report

A pass / fail report is generated for each device tested. Reports may be stored as ASCII text files on an optional SD memory card. The memory card may be read by any computer equipped with a card reader.

Load Switch Tests

- Inputs : On/Off Voltage thresholds
- Inputs : Max input current
- Inputs : Pull-up Voltages
- Outputs : Max off-state current
- Outputs : Max load current
- Outputs : Min load current

Flasher Tests

- Outputs : Off-state current
- Outputs : Flashes per minute
- Outputs : Percentage on time
- Outputs : Overlap time

Transfer Relay Tests

- Outputs : Continuity

Electrical Specifications

- Operating Voltage : 120 Vac, 60Hz
- Operating Current : 12 Amps full load
- Cooling : Fan Cooled

Mechanical Specifications

- Enclosure : 3U Rackmount
- Dimensions : 19.3" (W) x 20.5" (D) x 5.25" (H)
- Weight : 15 lbs.
- Environment : Indoor laboratory use only