

BUILDING & CONSTRUCTION EQUIPMENT

COMPUTERIZED CONTROL PANEL

Features

A Vortex blower to produce a maximum 645 CFM of air and a maximum pressure of 520 PSF. Values are based on the manufacturer's ratings of the blower. Maximum pressure and flow values are independent of one another and may not be achieved simultaneously. Actual values may vary based on the test sample and installation.

A high resolution speed control for adjustment of test pressures and/or volume via a data acquisition and computer monitoring system.

Solenoid-control, air actuated, brass butterfly valves operated by the computer and data acquisition system. There will be one modulating valve programmed to minimize pressure shock to the test specimen.

A 4" diameter mass flow meter to measure air volumes up to 99 CFM for air infiltration testing. Results will be digitally recorded and displayed on the computer monitor in the control panel in CFM/ft and CFM/ft² in real time.

Computer programs to perform industry standard tests for air infiltration, water penetration, and structural loads. Intertek can provide additional programming for deflection measurements, pressure cycling, and cyclic water testing at an additional charge.

Electrical service of 208v/3ph/60Hz at 60 amps and standard shop air at 90 PSI, minimum, is required for this equipment.

Optional 30HP blower upgrade and 6" diameter pvc plumbing for testing larger volume chambers.

Typical Test Methods

- ASTM E283
- ASTM E2357
- ASTM E330
- ASTM E1886
- ASTM E331
- ASTM E1996
- ASTM E547

Fast Facts

A low, horizontal profile design approximately 5 ft. high, 5 ft. deep and 8 ft. wide.

Powder Coated finish for durability.



FOR MORE INFORMATION

-  1.800.WORLDLAB
-  icenter@intertek.com
-  intertek.com/building/equipment