

FLOWTRAC III

The FlowTrac III is a smaller form factor pressure and volume controller designed for the typical needs of commercial and teaching labs. It operates fully automated and incorporates a high speed, precision micro-stepper motor for accurate results – no air pressure required. It has separated volume and pressure capacity so each line can fit. For teaching applications where manual control is desired the system can be operated by keypad and display to allow students to fully grasp each step of a test. The FlowTrac III is manufactured with the highest quality components and offers superior performance compared to other systems in its class.

Technical Specifications

VOLUME CAPACITY

200 cc (6.7 fl oz) or 280 cc (9.5 fl oz)

MOTOR

Micro-stepper system with built-in controls

PRESSURE CAPACITY

150 psi (1035 kPa) or 200 psi (1400 kPa)

FLOW RATE

Min Speed 0.0003 cc/min (0.00001 fl oz/min)
Max Speed 1054 cc/min (36 fl oz/min)

POWER

110/220 V, 50/60 Hz, 1 phase

DIMENSIONS

457 x 203 x 260 mm (18 x 8 x 10.25 in)

WEIGHT

11 kg (25 lbs)

INCLUDED

- Geo-NET network card and cable to link to PC
- Associated module to automatically run and report tests

WARRANTY

- 12 month warranty; extended warranties available

TESTING CAPABILITIES

- Semi-automated Permeability
- Rowe Cell (Hydraulic) Consolidation
- Addition of LoadTrac II or III:
 - Triaxial (CD, CU, UU)
 - Permeability
 - Constant Rate of Strain Consolidation



FlowTrac III System