

Test Smart. Test with Confidence. Test for Success.

SEMI-AUTOMATED PERMEABILITY

FLOWTRAC II OR III

The FlowTrac II or III flow pumps provide a unique and versatile way to run flexible wall permeability tests on a wide variety of materials quickly and accurately. By adjusting the gradient or the flow rate across the sample, the system can measure permeabilities of cohesive soils varying from 10^{-4} to 10^{-9} cm/sec. With the appropriate test cells, this one system can determine the permeability of some silty clays within minutes.

- Volume capacity of 200, 250, 280 or 750 cc
- Pressure options of 150 or 200 psi
- Unmatched automation from test start to finish - 2 to 32 times faster results and labor time savings of 30% to 95% vs. manual testing
- Flexible design perform additional testing on the same platform and save money and space in your lab
- Full test control and remote monitoring allows you to take your testing on the go view real-time results, check test quality, and change parameters
- Convenient reporting produce complete, compliant reports instantly or export data for desired manipulation
- Designed for consistent and repeatable testing you can be confident in



Semi-Automated Permeability System

Applicable Test Standards

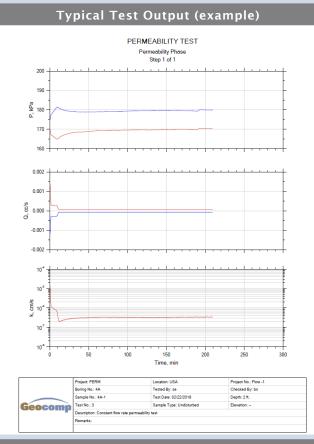
ASTM D5084

SEMI-AUTOMATED PERMEABILITY

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TECHNICAL SPECIFICATIONS PRESSURE/VOLUME CAPACITY 150 psi (1035 kPa), 200 psi (1400 kPa) 200 cc (6.7 fl oz), 250 cc (8.5 fl oz), 280 cc (9.5 fl oz), 750 cc (25.4 fl oz) **MOTOR** Micro-stepper system with built-in controls **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** FlowTrac II FlowTrac III 203 x 457 x 260 mm 203 x 406 x 470 mm (8 x 16 x 18.5 in) (8 x 18 x 10.25 in) **WEIGHT** FlowTrac II FlowTrac III 14 kg (30 lbs) 11 kg (25 lbs) **INCLUDED** · Geo-NET network card and cable to link to PC · Software module to automatically run and report tests **ACCESSORIES** $\,\cdot\,$ Permeability cells, membranes, porous stones, and sample preparation access sories upon request WARRANTY · 12 month warranty; extended warranties available User Friendly Interface **FLOW** File View Run Calibrate Control Report Options Help Saturation Consolidation Table Constant Gradient Table Constant Flow Table 2 0 3 0 4 0 5 0 6 0 7 0 8 0 9 0 10 0



Typical Test Output (example)

