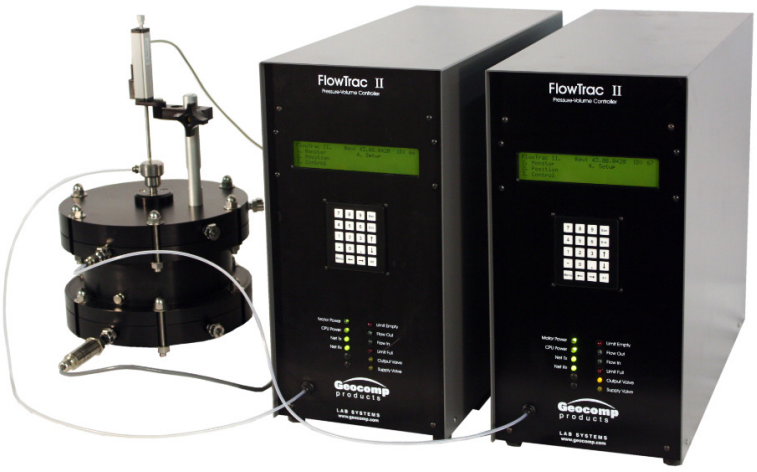
Geocomp
A SERCEL COMPANY

ROWE CONSOLIDATION

FLOWTRAC II OR III

The hydraulic consolidation system (Rowe Cell system) is used because of its multiple drainage (up to eight conditions) options as well as the capability to test large diameter samples using water pressure on a flexible diaphragm. Furthermore, free strain and equal strain can be applied on the top of the sample through a flexible platen or a rigid one. The FlowTrac II or III flow pumps automate the entire consolidation test using conditions specified, with typical completion in 24 to 48 hours. The system automatically initializes, back pressure saturates, and consolidates incrementally without intervention by the user.

- Volume capacity of 200, 250 or 750 cc
- Pressure options of 150 or 200 psi
- Built in safety features
- Smart and sophisticated technologies to simplify testing
- Repeatable, reliable, and accurate results you can trust
- Real-time and remote test parameter changes for quality control
- Convenient reporting and data export
- Faster, smarter, better: designed with full automation and manual control options
- Easy upgrade to perform additional test types
- Designed and manufactured in the USA



Standard Rowe Consolidation System

Applicable Test Standards

- ASTM D2435, D4186
- BS 1377-6
- ISO/TS 17892-5

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TECHNICAL SPECIFICATIONS

PRESSURE/VOLUME CAPACITY

150 psi (1035 kPa); 200 cc (6.7 fl oz)
200 psi (1400 kPa); 250 cc (8.5 fl oz)
200 psi (1400 kPa); 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 406 x 470 mm (8 x 16 x 18.5 in)	203 x 457 x 260 mm (8 x 18 x 10.25 in)

WEIGHT

FlowTrac II	FlowTrac III
14 kg (30 lbs)	11 kg (25 lbs)

INCLUDED

- GeoNet-U USB 2.0 network adapter and cable to link to PC/laptop
- RCON software module to automatically run and report tests

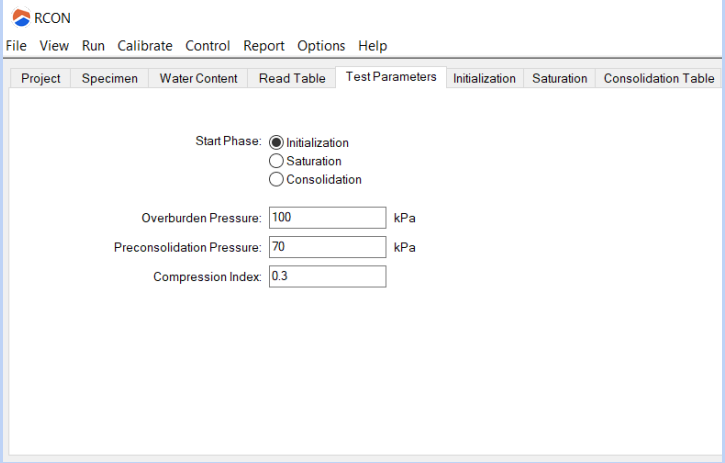
ACCESSORIES

Rowe Cell Options:
- Sample diameter 63.5 mm (2.5 in) sample height 30 mm (1.2 in)
- Sample diameter 150 mm (6 in) sample height 50 mm (2 in)

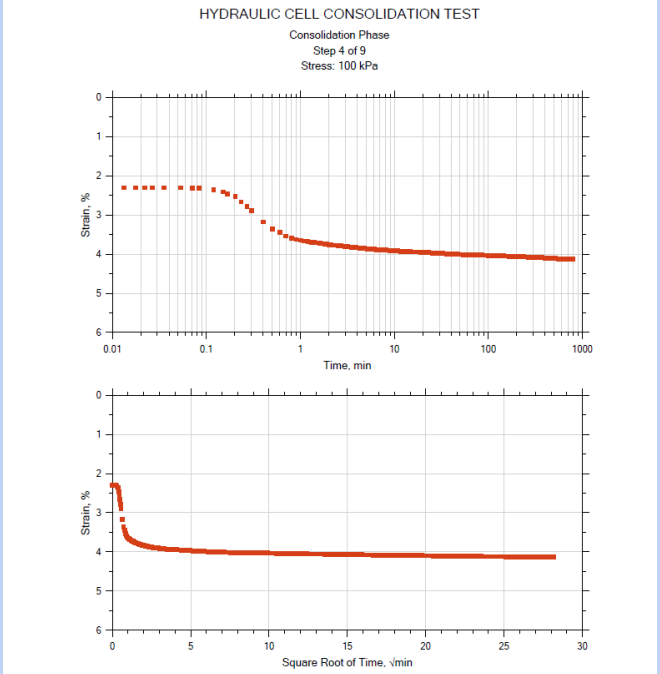
WARRANTY

12 month warranty; extended warranties available

User Friendly Interface



Typical Test Output (example)



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