

LOADTRAC III

The LoadTrac III system is an affordable, fully automated load frame. It can provide compression testing for several popular geotechnical tests that must have accurate control of the rate of displacement during loading - Incremental Consolidation, Constant Rate of Strain Consolidation, Unconfined Compression and Triaxial. Once a soil sample is in place, and the test conditions selected, the system will run the entire test from start to finish without user intervention. Combined with the power of immediate built-in reporting capability, the system delivers the fastest results with significantly reduced effort in the lab.

Technical Specifications

LOAD CAPACITY

Up to 11 kN (2.5 klf)

MOTOR

Micro-stepper system with built-in controls

RATE OF DISPLACEMENT

0.000013 to 42 mm per minute
(0.0000005 to 1.6 in per minute)

TRAVEL

38.1 mm (1.5 in)

POWER

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

DIMENSIONS

305 x 381 x 838 mm (12 x 15 x 33 in)

WEIGHT

20 kg (44 lbs)

INCLUDED

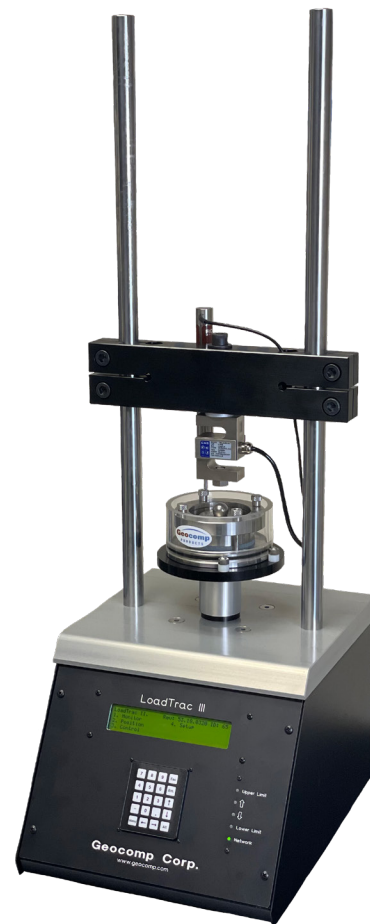
- GeoNet-U USB 2.0 network adapter and cable to link to PC/laptop
- Associated module to automatically run and report tests

WARRANTY

12 month warranty; extended warranties available

TESTING CAPABILITIES

- Incremental Consolidation & Swell
- Constant Rate of Strain Consolidation
- Unconfined Compression
- Triaxial



Standard LoadTrac III