



Test Smart. Test with Confidence. Test for Success.

# LOADTRAC II

The LoadTrac II is a full-size, fully automated load frame with flexibility to run compression/extension testing for popular geotechnical tests that must have accurate control of the rate of displacement during loading. It can run in stand-alone mode (ideal for teaching) or can be connected to a PC for full automation from test start to finish without intervention by the user. Addition of FlowTrac II flow pumps and/or cyclic hardware greatly expands the capabilities of the LoadTrac II to perform a broad range of testing – making it the most versatile load frame on the market.

## Technical Specifications

### LOAD CAPACITY

45 kN (10 klbf) or 90 kN (20 klbf)

### MOTOR

Micro-stepper system with built-in controls

### RATE OF DISPLACEMENT

0.00003 to 25 mm per minute  
(0.000001 to 1.0 in per minute)

### TRAVEL

Built-in displacement transducer with 76 mm (3 in) range and 0.0013 mm (0.00005 in) resolution

### POWER

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

### DIMENSIONS

464 x 546 x 1206 mm (18 x 21.5 x 47.5 in)

### WEIGHT

55 kg (120 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

Addition of one (1) FlowTrac II:

- Constant rate of strain consolidation
- Cyclic triaxial with addition of cyclic hardware

Addition of two (2) FlowTrac II:

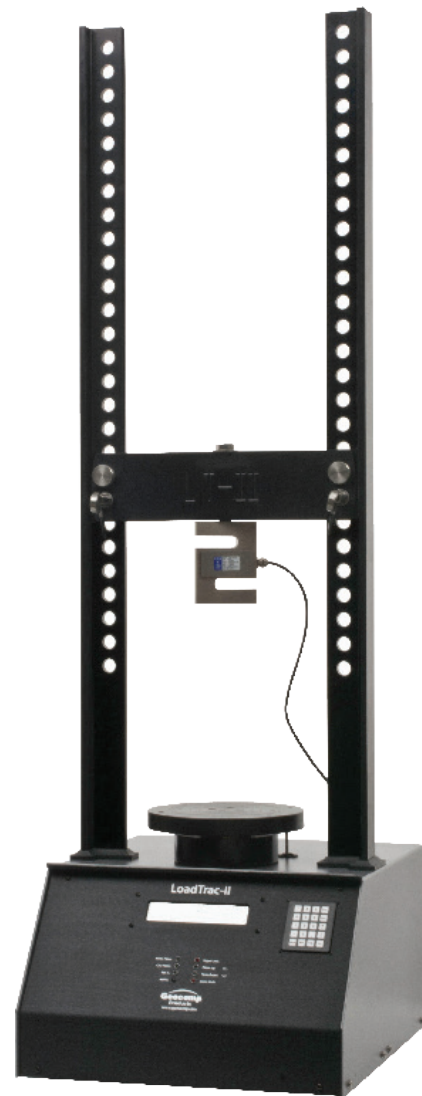
- Triaxial and stress path

Addition of three (3) FlowTrac II:

- Fully automated permeability

Addition of cyclic hardware

- Resilient modulus



LoadTrac II System