TRIAXIAL & STRESS PATH
LOADTRAC II / FLOWTRAC II

The LoadTrac II / FlowTrac II system for triaxial testing fully automates Unconsolidated Undrained (UU), Consolidated Undrained (CU), Consolidated Drained (CD) and any possible stress path tests on soil and soft rock. The system automates the initialization, saturation, consolidation (isotropic, anisotropic, or Ko) and shear phase along any stress path (drained, undrained, or mixed) of a test. Once a soil sample is in place, and the test conditions selected, the system will run the entire triaxial test from start to finish. The combination of ease of use, flexibility in test parameters and overall system versatility is unmatched in the industry.

- Load capacity of 45 kN (10 klbf) or 90 kN (20 klbf)
- 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

Applicable Test Standards
- ASTM D2850, D4767, D7181
- AASHTO T296, T297
- BS 1377-6, BS 1377-7, BS 1377-8
- ISO/TS 17892-8, ISO/TS 17892-9
- AS 1289.6.4.1, AS 1289.6.4.2
# TECHNICAL SPECIFICATIONS

## LOAD CAPACITY
45 (10 klbf) or 90 kN (20 klbf)

## MOTORS
Micro-stepper system with built-in control

## RATE OF DISPLACEMENT
0.00003 to 25 mm per minute
(0.00001 to 1.0 in per minute)

## FLOW RATE
- **Min Speed**: 0.0003 cc/min, 0.00001 fl oz/min
- **Max Speed**: 1054 cc/min, 36 fl oz/min

## 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
- **LoadTrac II**: 464 x 546 x 1206 mm (18 x 21.5 x 47.5 in)
- **FlowTrac II**: 203 x 546 x 470 mm (8 x 16 x 18.5 in)

## WEIGHT
- **LoadTrac II**: 55 kg (120 lbs)
- **FlowTrac II**: 14 kg (30 lbs)

## INCLUDED
- Geo-NET network card and cable to link to PC
- TRIAXIAL software module to automatically run and report tests

## ACCESSORIES
- FlowTrac II models available
  - 200 psi (1400 kPa) or 500 psi (3500 kPa/ 250 cc
  - 200 psi (1400 kPa) / 750 cc
- Triaxial cells up to 152 mm (6 in) diameter
- Membranes, porous stones, and sample preparation accessories upon request
- TRIAXIAL.REPORT: editing/reporting software for multiple tests

## WARRANTY
- 12 month warranty; extended warranties available

---

**User Friendly Interface**

www.geocomp.com | sales@geocomp.com | 978-635-0012