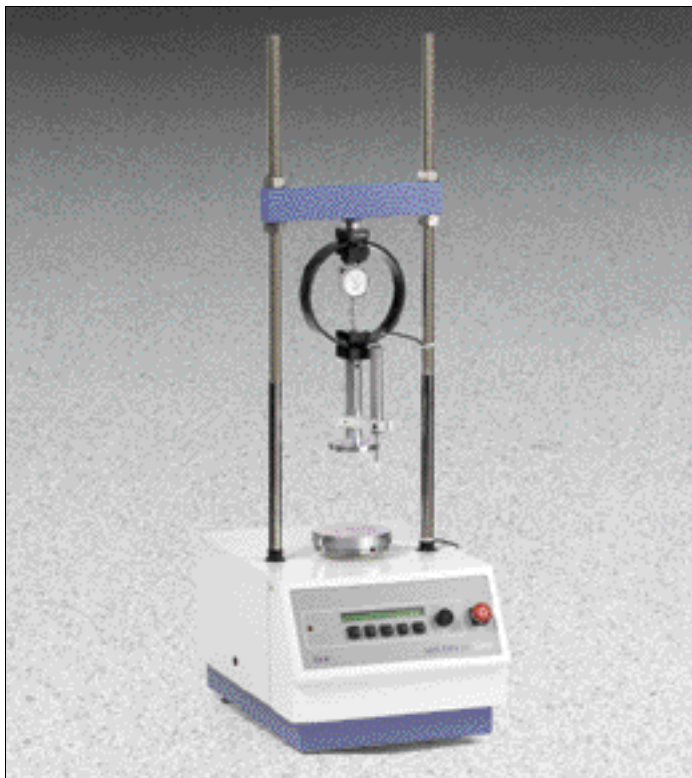




Multiplex 50-E Load Frame

ASTM D-2166; AASHTO T-208.

- **Highly versatile** — with proper accessories the loader meets ASTM and AASHTO requirements for Quick Undrained Triaxial, Unconfined Compression, CBR and Marshall Stability test specifications.
- **Backlit LCD display** for presentation of transducer readings, testing speeds and setup options.
- **11,200 lbf. (50 kN) maximum load capacity.**
- **Fully variable loading speeds** from 0.02" (0.5 mm) per minute to 2.0" (50.8 mm) per minute.
- **Selectable display setting** for English, SI or Metric units.
- **Built-in transducer library** and calibration routines.
- **Automatic transducer zeroing** at test start.

Please refer to page 11 for complete specifications on the Multiplex 50-E series load frame.

Ordering Information

Note: Shown with unconfined compression platen accessories, transducer load ring and axial strain transducer; not included, order separately.

- EI25-3535/02. 110-120vAC, 50/60 Hz, 1ø, 500 Watts.
EI25-3535/01. 220-240vAC, 50/60 Hz, 1ø, 500 Watts.

Accessories

- EI25-1617. Axial Strain Transducer. 0 to 2.0" (0 to 50 mm) range.
EI27-1529. Transducer Load Ring. 450 lb. (2.0 kN) capacity.
EI27-1531. Transducer Load Ring. 650 lb. (3.0 kN) capacity.
EI27-1533. Transducer Load Ring. 1,000 lb. (4.5 kN) capacity.
EI27-1535. Transducer Load Ring. 2,250 lb. (10 kN) capacity.
EI25-3600. Unconfined Compression Platen Assembly.

Special Note:

See Triaxial, CBR and Marshall Stability sections of catalog for the respective test accessories used with the Multiplex 50-E Load Frame.



Versa-Loader™

ASTM D-2166; AASHTO T-208.

- **10,000 lbf. (45 kN) maximum load capacity.**
- **Accurate loading speeds** from 0.08" (2.032 mm) to as low as 0.001" (0.025 mm) per minute.
- **Push-button Up-Down-Stop operation** with overtravel limit switch protection.
- **Highly versatile** — can be used for Quick Undrained Triaxial, Unconfined Compression, CBR and Soil Cement testing with proper accessories.

Please refer to page 12 for complete specifications on the Versa-Loader™ series load frame.

Ordering Information

Note: Shown with unconfined compression test digital readout set; not included, order separately.

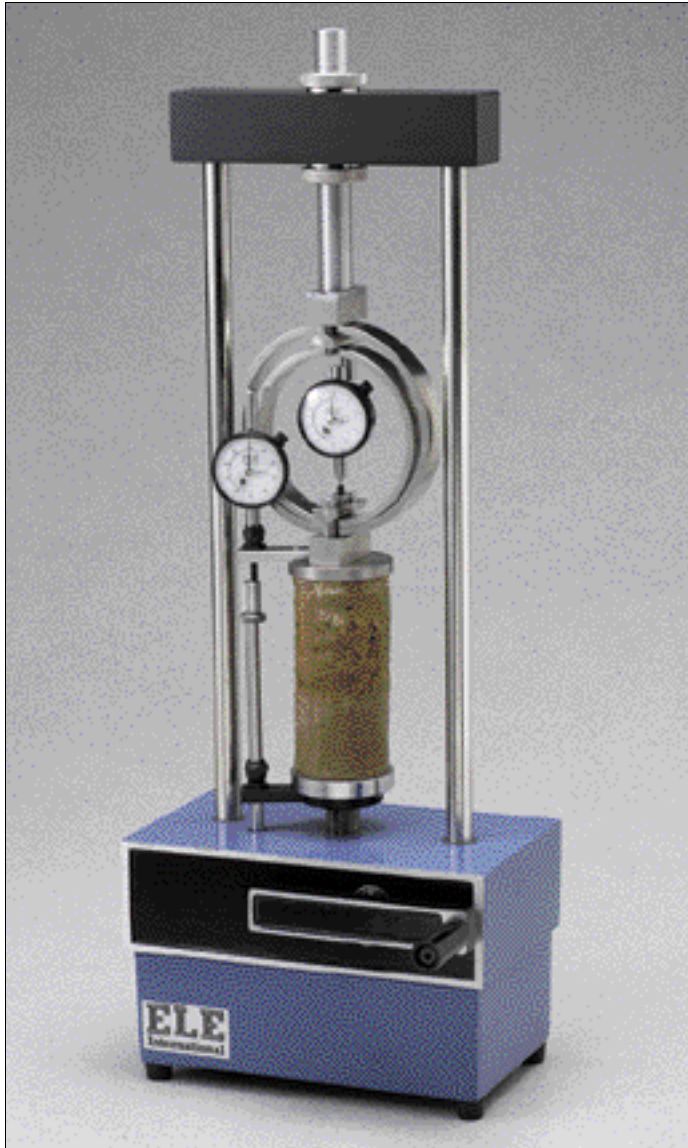
- EI25-3525/02. 110-220vAC, 50/60 Hz, 1ø.
EI25-3525/01. 220-240vAC, 50/60 Hz, 1ø.

Accessories

- EI25-3997. Unconfined Compression Test Accessory Set, English. Includes: platens, 1.0" range dial indicator and 500 lb. capacity proving ring.
EI25-3998. Unconfined Compression Test Accessory Set, Metric. Includes: platens, 25 mm range dial indicator and 2.2 kN capacity proving ring.
EI27-1121/02. Unconfined Compression Test Digital Readout Set, English. 110vAC, 50/60 Hz, 1ø. Includes: 2-channel digital readout, 500 lb. capacity S-type load cell, axial strain transducer with 2" range, platens and mounting hardware.
EI27-1121/01. Unconfined Compression Test Digital Readout Set, English. 220vAC, 50/60 Hz, 1ø. Includes: 2-channel digital readout, 500 lb. capacity S-type load cell, axial strain transducer with 2" range, platens and mounting hardware.
EI27-1122/02. Unconfined Compression Test Digital Readout Set, Metric. 110vAC, 50/60 Hz, 1ø. Includes: 2-channel digital readout, 2.2 kN capacity S-type load cell, axial strain transducer with 50 mm range, platens and mounting hardware.
EI27-1122/01. Unconfined Compression Test Digital Readout Set, Metric. 220vAC, 50/60 Hz, 1ø. Includes: 2-channel digital readout, 2.2 kN capacity S-type load cell, axial strain transducer with 50 mm range, platens and mounting hardware.

Special Note:

See Triaxial and CBR sections of the catalog for the respective test accessories used with the Versa-Loader™.



Unconfined Compression Tester, Hand Operated

ASTM D-2166; AASHTO T-208.

- **Lightweight, hand-operated design for laboratory and field use.**
- **Concentric grooves in platens for easy centering of test specimens.**
- **Adjustable upper platen assembly for testing specimens up to 8" (203 mm) in length.**
- **High strength aluminum base assembly with plated steel uprights for rust resistance and long life.**
- **Supplied complete and ready to operate.**

The unconfined compression test is an important method of determining shear strength of cohesive and semi-cohesive soils. The test is widely used to supply information needed for the design and construction of civil engineering structures of many kinds, such as buildings, bridges, dams, and embankments.

Our lightweight, hand-operated series testers are entirely self-contained and require no pressure or electrical connections.

Test loads are applied to the specimen through a gearing arrangement located in the totally enclosed base. The gear train is actuated by a two-piece aluminum hand crank. The rate of strain can be regulated during the test by turning the hand crank at the desired rate. Loads are indicated on a proving ring and dial indicator assembly. Readings on the dial are converted to the load applied to the specimen by using the calibration charts supplied with each unit.

Specifications

Specimen Height.	Up to 8" (203 mm).
Platens.	3" (76 mm) diam.; with concentric grooves for centering specimen.
Proving Ring.	Plated steel; complete with dial indicator and calibration charts in English and Metric units.
Strain Indicator.	English: 1.0" range x 0.001" graduations. Metric: 25 mm range x 0.01 mm graduations.
Hand Crank.	Two-piece; aluminum.
Base.	One-piece; cast aluminum.
Crosshead.	High-strength aluminum.
Dimensions.	10-5/8" w. x 6-3/8" d. x 26-1/4" h. (270 x 162 x 667 mm).
Weight.	Net 43 lbs. (19.5 kg); Shpg. 58 lbs. (26.3 kg).

Ordering Information

EI25-3602.	500 lb. load capacity.
EI25-3603.	2.2 kN load capacity.
EI25-3604.	1,500 lb. load capacity.
EI25-3605.	6.6 kN load capacity.