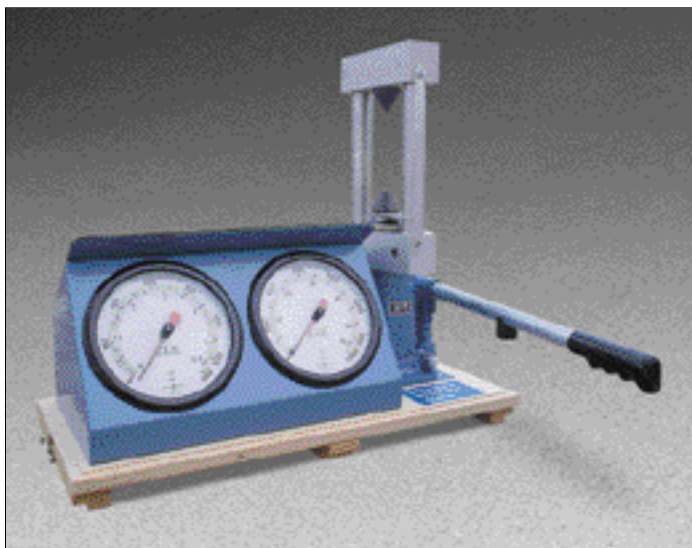




Point Load Tester

- Accepts sample sizes up to 4" (101.6 mm) in diameter.
- Pressure indicated directly on two large diameter gauges.
- Overload protection on high range gauge.
- Convenient carrying case for easy transport.

The strength of rock can be quickly determined in the field on core or irregular lump samples by using the Point Load Tester.

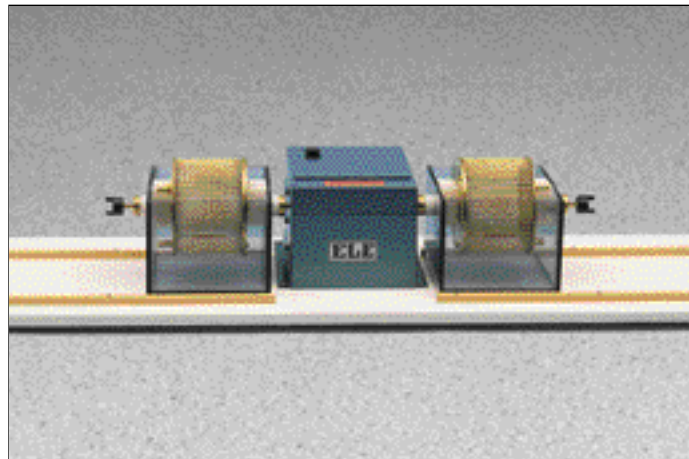
The frame, loading jack and gauges are supplied as an integral unit mounted on the base of the carrying case. Loading pressures up to 13,000 lbf. (55 kN) can be applied to specimens as large as 4" (101.6 mm) in diameter. A scale mounted on the frame provides specimen diameter information for use in point load strength index calculations. Fully assembled and ready for operation, the unit is supplied complete with two pairs of heavy-duty goggles, nomograph and correction chart.

Specifications

Capacity.	13,000 lbf. (55 kN).
Specimen Size.	4" (101.6 mm) maximum.
Load Range.	Low range: 0-1,300 lbf. (5.5 kN) x 20 lbs. (0.1 kN). High range: 0-13,000 lbf. (55 kN) x 200 lbs. (1 kN).
Weight.	Net 62 lbs. (28 kg).

Ordering Information

EI77-0110. Includes carrying case and safety goggles.



Slake Durability Apparatus

ASTM D-4644.

- Accurate test speed of 20 revolutions per minute.
- Provisions for testing up to four test drums at one time.
- Corrosion-resistant drum construction.

The Slake Durability Apparatus is used to determine the resistance offered by rock samples to weaken and disintegrate when subjected to changes in water content. The apparatus consists of a base-mounted, motor drive unit which rotates two specimen test drums at a speed of 20 revolutions per minute. Two water troughs with quick release drive assemblies contain the test drums during the procedure.

Specifications

Drive Unit.	Capable of revolving two or four test drums at a speed of 20 rpm.
Drums.	2.0 mm mesh; 100 mm l. x 140 mm diam. (3.93" x 5.51").
Dimensions.	52" w. x 14-1/2" d. x 10-1/2" h. (1,320 x 368 x 267 mm).
Weight.	Net 45 lbs. (20 kg).

Ordering Information

EI77-0510/02. 110vAC, 50/60 Hz, 1ø.
EI77-0510/01. 220-240vAC, 50/60 Hz, 1ø.

Accessories

EI77-0600. Drum and Tank Assemblies. Set of two.