Expansion Index Test Apparatus

Code: 25-0380
Product Group: Expansion Index Test Apparatus

- Completely self-contained and compact design.
- Accurate to 0.0001" (0.002 mm).
- Testing time of 24 hours or less on cured soil specimens.

The Expansion Index Test Apparatus is a completely self-contained apparatus designed for use in determining the expansion index of soils. Using the new consolidation apparatus, contractors and laboratory technicians can conduct an expansion test on a cured soil specimen in 24 hours or less.

The apparatus is designed to control all of the variables that influence the expansive characteristics of a particular soil while still performing a practical test for general engineering use.

Standards

ASTM D4829, California UBC 29-2

Specification

Base and Collar	Cast aluminum construction; brass hold-down rods.
Specimen Ring	Stainless steel; 4” i.d. x 1” h. (101.6 x 25 .4 mm).
Porous Stones	4” diam. x 1/2” thick (101.4 x 12 .7 mm).
Loading Weight	Brass; 12 .6 lbs. (5.7 kg).
Dial Indicator	0.3” range x 0.0001” graduations
Test Duration	24 hours or less on cured sample.
Dimensions	6” diam. x 11 ” h. (152 x 279 mm).
Weight	Net 18 lbs. (8.2 kg).

Alternatives

Soil Volume Change Meter

Code: 25-0390