



H-3860

Los Angeles Abrasion Machine— H-3860

Los Angeles Abrasion Machine, 220V 50Hz— H-3860.5F

Tests for resistance to abrasion in crushed rock, slag, crushed and uncrushed gravel, using Los Angeles testing method. Features welded structural steel frame, fabricated 1/2"-thick (913mm) abrasion-resistant steel drum, removable shelf bolted to drum and balanced drum assembly for easy rotation by hand. Enclosed chain drive rotates drum without conventional slip clutch. Positive drive delivers greater accuracy. Self-contained worm-drive motorized speed reducer has anti-friction bearings and sealed lubrication. Motor is 1HP (746W), equipped with magnetic push-button control and automatic overload cutout. Includes revolution counter, material catch pan and 1 abrasion charge consisting of 12 hardened-steel balls. Dimen.: 39" x 29" x 37" (991 x 737 x 940mm). Meets ASTM C131, C535; AASHTO T96. Shipping wt. 1060 lbs. (485kg)

Abrasion Charge—H-3865

Replacement abrasive charge for H-3860 Los Angeles Abrasion Machine. Consists of 12 hardened-steel balls.

Micro-Deval Aggregate Tester, 110/220 60Hz— H-3861.3F

Used to test the resistance of fine and/or coarse aggregate to degradation by abrasion to determine the loss due to abrasion. Two-tiered unit is 25"W x 15"D x 47"H and the maximum load per tier is 60 lbs. Includes timing belt for quiet, maintenance-free operation. Special, no-creep roller design keeps jars centered and 2" long-wearing rollers are chemical and solvent resistant. Meets ASHTO TP58 and TXDOT standards. Includes two stainless steel test jars and standard ball charge sets.

Abrasive Ball Set, TXDOT—H-3861.1

Replacement abrasive ball set for Micro-Deval.

Abrasive Ball Set, ASTM, AASHTO—H-3861.2

Replacement abrasive ball set for Micro-Deval.

Stainless Steel Test Jar—H-3861.3

Replacement stainless steel test set for Micro-Deval.



H-3861



HP-1160

Falling Sand Abrasion Tester— HP1160

The Falling sand test determines the abrasion resistance of coatings, such as paint, varnish, lacquer and related products. The test panel is enclosed in a receptacle with a window. Ottawa natural silica sand is considered the standard use in this test because of its known characteristics. Order H-3820 Ottawa silica test sand separately. Meets ASTM D333, D968, D1395, D2205. Shipping wt. 110 lbs. (49.9kg)

Ottawa Silica Sand— H-3820

Specially graded, natural Ottawa silica sand will pass a No. 20 (850µ) sieve and be retained on a No. 30 (600µ) sieve. Specific gravity is 2.65. Packed in 50 lb. (22.7kg) bags. Meets ASTM C778. Shipping wt. 50 lbs. (22.7kg)



H-3861.2
H-3861.3

Slake Durability Apparatus— HM-4100

The Slake Durability Apparatus is used to determine the durability of rocks and the probable amount of deterioration of weak rocks, over a period of time, after simulated exposure to nature's continual wetting and drying cycles. The apparatus consists of a base-mounted motor drive unit with two mesh drums and two water tanks with quick-release drive assemblies. The drums rotate at a speed of 20 revolutions per minute. Options include two extra drums and tanks for running up to four tests simultaneously. Conforms to ASTM D4644 standard.

Wire Mesh Drums— HM-4100.1

Set of 2 wire mesh drums for use with Slake Durability Apparatus.

Drum and Tank Assembly— HM-4100.2

Set of two wire mesh drum and water tank assemblies.



HM-4100

Shown with optional, 2 additional drums