



H-3860D.5F

Los Angeles Abrasion Machine



Description:

The Los Angeles abrasion machine is used to measure the degradation of mineral aggregate of standard gradings resulting from a combination of actions including abrasion or attrition, impact and grinding in a rotating steel drum containing a specified number of steel spheres. The test is widely used as an indicator of the relative quality of various sources of aggregate having similar mineral compositions.

Humboldt's design follows the ASTM-preferred design and features a welded, structural-steel frame, fabricated .5"-thick (913mm) abrasion-resistant steel drum, a removable shelf, bolted to the drum and a balanced drum assembly for easy rotation by hand. The enclosed chain drive rotates the drum without a conventional slip clutch. This positive drive delivers greater accuracy. The self-contained worm-drive motorized speed reducer has anti-friction bearings and sealed lubrication. The 1hp, electronically-controlled motor is equipped large, push-button controls and an automatic overload cut-out. Unit Includes user-configured, revolution counter, a material catch pan and one abrasion charge consisting of 12 hardened-steel balls.




Supported standards: ASTM C131, ASTM C535, AASHTO T96

Technical Specifications:

Model: H-3860D.5F, Digital
 Power: 220V 50Hz
 Dimensions: 39" x 29" x 37" (991 x 737 x 940mm).

Accessories

Part Number & Name	
H-3865	Abrasion Charge
H-3860.19	Materials Catch Pan for LA Abrasion Machine
 H-3860.100	Sound Enclosure For LA Abrasion Machine



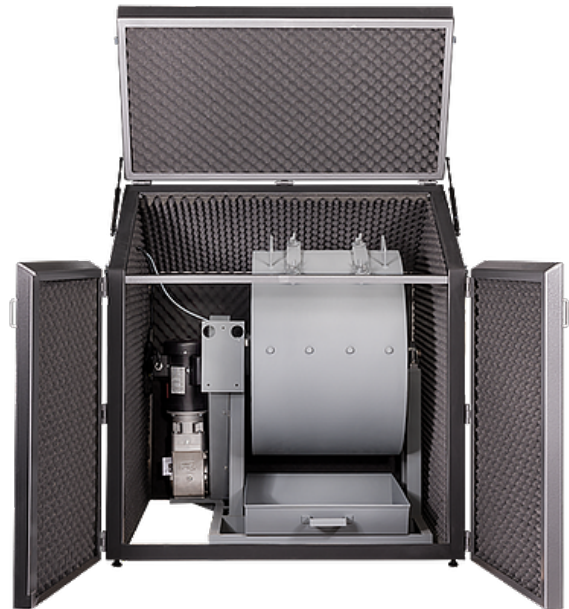
H-3860.100

Sound Enclosure for LA Abrasion Machine

Full enclosure designed to cut down on noise generated while using the LA Abrasion Machine.

Unit is Steel Construction with Foam Lining for noise reduction.

Shipping wt. 305 lbs. (138kg)



Product Options

Part Number & Name



H-3860D
Los Angeles Abrasion Machine LA Abrasion Machine, 120V 60Hz



H-3860D.2F
Los Angeles Abrasion Machine LA Abrasion Machine, 220V 60Hz



H-3860D.5F
Los Angeles Abrasion Machine LA Abrasion Machine, 220V 50Hz