



H-4257

H-4258



H-4199



H-4215



H-4157B

Soil Mortar— H-4257

Heavy porcelain mortar, glazed outside surface and unglazed inside; for use with H-4258 pestle to break up soil particle aggregates for testing. Mortar is 3.5" (90mm) ID x 2-1/4" (57mm) H. Meets ASTM D421; AASHTO T87.

Soil Pestle— H-4258

Rubber-tipped 8" (203mm) long pestle, made for gently grinding soils without breaking individual particles.

Soil Grinder— H-4199**Soil Grinder, 220V 50Hz— H-4199.5F**

Prepares soil samples to designated particle size for accurate, repeatable test results. Grinds one-pint sample in 15 seconds. Stainless steel construction. Includes a No. 10 perforated stainless plate. Shipping wt. 25 lbs. (11.25kg)

No. 4 Perforated, Stainless Plate— H-4199.A**No. 10 Perforated, Stainless Plate— H-4199.B****No. 35 Perforated, Stainless Plate— H-4199.C****2mm Perforated, Stainless Plate— H-4199.D****Beater Assembly— H-4199.7****Rapid Soil Processor— H-4215****Rapid Soil Processor 220V 50/60Hz— H-4215.4F**

Compact all-metal soil processor allows customer to produce five-point moisture density relationship test results in about 5 hours. Processor also handles samples for rapid compaction of a family of curves test. Processes up to 30 lbs. of lean-to-fat and tough clays at field moisture in fewer than 15 minutes. Automatically separates and retains up to 3/4" rocks from soil to prolong screen life.

Processes soil to pass a No. 4 screen. Offset rotating drum is motor driven; pre-set adjustments aren't necessary. Automatic operation frees up technician's time. Order easy-to-install replacement screen separately. Replacement parts are available. Overall dimensions: 32 x 36 x 53" (813 x 915 x 1346mm).

Shipping wt. 408 lbs. (184kg)

Replacement Screen, 11-7/8" (302mm) height— H-4215.32

(for units sold after March, 1995)

Replacement Screen, 13" (302mm) height— H-4215.26

(Old Style, for units sold before March, 1995)

Shipping wt. 20 lbs. (9.07kg)

Motorized, Hydraulic Sample Ejector— H-4157B**Motorized, Hydraulic Sample Ejector, 230V 60Hz— H-4157B.2F****Motorized, Hydraulic Sample Ejector, 230V 50Hz— H-4157B.5F**

Provides a very efficient and easy means for rapid ejection of samples from standard 3" (76.2mm) thin-wall sample tubes. When operated in the standard vertical position, the ejector requires only a maximum height of 76" (1930mm) when extruding samples from a 36" (914mm) long tube. In operation, two electrically driven cylinders, working in tandem, are used to pull the tube down in 20" (508mm) increments. The tube gripper assembly was specifically designed to securely hold the thin wall tube in place and quickly release when the ejection process has completed without damaging the tube. Through the use of optional accessories, the sample ejector can be used to extrude samples from 2" (50.8mm) or 2.5" (63.5mm) OD tubes. For laboratories that desire to eject samples horizontally, an optional V-shaped trough is available. Shipping wt. 177 lbs (80kg)

Sample Trough for Horizontal Configuration— H-4157B.1**Conversion Kit for 2" Sample Tube— H-4157B.2****Conversion Kit for 2-1/2" Sample Tube— H-4157B.3**