



H-4257, H-4258



H-4260

H-4265,
(Items not shown to scale)

H-4266



H-4239

Soil Mortar

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 5" (127mm) dia. x 2-1/2" H (64mm). Meets ASTM D421; AASHTO T87.

Description	Model
Soil mortar.	H-4257

Soil Pestle

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

Description	Model
Soil pestle.	H-4258

Soil Dispersion Mixer

For dispersing soil suspensions used in hydrometer method of testing subgrade soils, heavy-duty mixer operates at a speed above 10,000 RPM (no load). Includes stirring apparatus with H-4266 stainless steel paddle and H-4265 chrome-plated dispersion cup with 4 sets of permanent interior baffles.

Rounded cup bottom prevents soil accumulation. Furnished with 5' cord and 3-prong plug. Dimensions: 20x6-1/2x7" (508x165x178mm). Meets ASTM D422; AASHTO T88.

Description	Model
Soil dispersion mixer. 120V. 60Hz. 1ph. AC. 125W.	H-4260
Soil dispersion mixer. 230V. 50/60Hz. 1ph. AC.	H-4260.4F

Shipping wt. 15 lbs. (6.8kg)

Description, Replacement Parts & Accessories	Model
Chrome-plated dispersion cup for H-4260 mixer.	H-4265
Stirring paddle for H-4260 mixer. Shaft threads into mixer. 3 blades, 3/4" (19mm) dia.	H-4266

Hydrometer Analysis Set

Set includes all apparatus recommended to perform hydrometer analysis test in accordance with specifications. Set consists of one each (except as noted) of items in component chart below. Meets ASTM D422; AASHTO T88.

Description	Model
Hydrometer analysis set. 115V. 60Hz. 1ph. AC.	H-4263
Hydrometer analysis set. 230V. 50/60Hz. 1ph. AC.	H-4263.4F

Shipping wt. 175 lbs. (79.4kg)

Description, Set Component Parts	Model
Soil dispersion mixer.	H-4260
Hydrometer jar bath.	H-4239
Hydrometer A, -5 to 60g.	H-4241
Hydrometer B, 0.995 to 1.038 specific gravity.	H-4242
Sodium hexametaphosphate.	H-4247
Hydrometer jars (six in set).	H-4244

Hydrometer Jar Bath

Designed to maintain a constant temperature of 20°C ±0.2°C (68°F) for particle size distribution test in accordance with ASTM and AASHTO specifications. Up to eight hydrometer jars can be stored in the bath at the same time. The bath features a stainless steel interior and shelf for corrosion resistance and long service life. The automatic high temperature safety cut-off circuit incorporated into the design prevents damage to the heater and pump system. Inside dimensions are 37-3/4"x7-3/4"x16-1/2" deep (959x197x419mm). The overall outside dimensions are 40"x10"x23" high (1,016x254x584mm). Meets ASTM D422; AASHTO T88.

Description	Model
Hydrometer jar bath. 110V. 50/60 Hz, 1ph.	H-4239
Hydrometer jar bath. 220V. 50/60 Hz, 1ph.	H-4239.4F

Shipping wt. 155 lbs. (70kg)