



H-4263



H-4239



H-4244

H-4242

H-4241



H-4260A



H-4244RS



H-4266



H-4247

Hydrometer Analysis Set— H-4263

Hydrometer Analysis Set (220V 50/60Hz)— H-4263.4F

Determines the distribution of soil particles smaller than No. 200 (0.075mm). Meets ASTM D422; AASHTO T88. Shipping wt. 175 lbs. (79.4kg) Set includes:

- (1) H-4239 Hydrometer Jar Bath
- (6) H-4244 Hydrometer Jars
- (1) H-4241 Soil Hydrometer A
- (1) H-4242 Soil Hydrometer B
- (1) H-4260 Soil Dispersion Mixer
- (1) H-4247 Sodium Hexametaphosphate, 1 lb. (0.5kg)

Soil Hydrometer A— H-4241

Seamless, symmetrical stem and bulb do not vary in diameter. One-piece ballast is secured to lower part of the body. Guaranteed calibration accuracy eliminates errors due to variable dilution. Calibrated for use at 68°F (20°C). Graduated in grams of soil per liter from -5 to 60g in 1° divisions. Has ASTM/AASHTO scale 152 H. Total length: 11" (280mm). Meets ASTM D422; AASHTO T88.

Soil Hydrometer B— H-4242

Same as H-4241 except with graduations 0.995 to 1.038 specific gravity by 0.001° divisions. Has ASTM/AASHTO scale 151 H.

Hydrometer Jar— H-4244

Graduated glass cylinder used in determining amount of soil in dispersed suspensions contains 1000ml at 20°C (68°F). Open end is fire-polished without pourout. Dimensions: 18" (457mm) x 2-1/2" OD (64mm). Base is 4-1/3" (107mm).

Hydrometer Jar Rubber Stopper— H-4244RS

Rubber Stopper for H-4244 Hydrometer Jars.

Hydrometer Jar Bath— H-4239

Hydrometer Jar Bath (220V 50/60Hz)— H-4239.4F

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" x 7-3/4" x 16-1/2" deep (959 x 197 x 419mm). The overall outside dimensions are 40" x 10" x 23" high (1,016 x 254 x 584mm). Meets ASTM D422; AASHTO T88. Shipping wt. 155 lbs. (70kg)

Soil Dispersion Mixer— H-4260A

Soil Dispersion Mixer (230V 50/60Hz)— H-4260A.4F

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: 20 x 6-1/2 x 7" (508 x 165 x 178mm). Meets ASTM D422; AASHTO T88. Shipping wt. 15 lbs. (6.8kg)

Dispersion Cup— H-4265

Chrome-plated Dispersion Cup for use with H-4260 Mixer.

Stirring Paddle— H-4266

Stirring Paddle with 3 blade surfaces, 3/4" (19mm) dia. for H-4260 Mixer. Shaft threads onto mixer.

Sodium Hexametaphosphate— H-4247

Dispersing agent used in combination with gradation analysis of soils. 1 lb. (0.5kg) container. Meets ASTM D422, AASHTO T88.

Sodium Hexametaphosphate— H-4247.10

Same as above except 10 lb. (4.5kg) container.