



H-1448



H-1448GS



H-1449



H-1857

Vacuum Extractor— H-1448

Used for quantitative determination of bitumen in hot-mixed paving mixtures and pavement samples. Unit is a stainless steel 3000g capacity combination vacuum/storage tank with a 12" (305mm) dia. filtering surface. Unit includes connecting hose, (100) H-1497.613 filter papers, test procedure, see-through extraction gauge, sight tube and vacuum gauge. For replacement filter paper, use H-1497 series. Meets ASTM D2172 (Meth. E); AASHTO T164 (Method E). Shipping wt. 84 lbs. (38kg)

For vacuum pump, order H-1763A pump separately.

4000cc Erlenmeyer Flask— H-4913.4M

Meets ASTM D2172; AASHTO T164 (Method E)

8" Sieve Adapter for Vacuum Extractor— H-1447

Vacuum Extractor— H-1449

H-1448 Vacuum Extractor without storage tank, gauge and sight tube. Shipping wt. 60 lbs. (27kg)

H-1448 and H-1449 Extractor Replacement Parts

Description	Model
Fluorosilicone o-ring	H-1448.1
Gauge, H-1448	H-1448G
Glass Tubing, includes 2 o-rings	H-1448GT
Free-flow vacuum plate	H-1448GS
Stainless Steel Plate, as provided	H-1448P
Stainless Steel Plate, Heavy-Duty	H-1448HP
Rubber Tubing	H-1448RT
Clear, Heavy-wall, Vacuum Tubing	H-1446
4,000cc Erlenmeyer Flask, meets ASTM D2172 and AASHTO T164 (Method E0)	H-4913.4M
8" Sieve adapter	H-1447

Free-Flow Vacuum Plate— H-1448GS

Prevents vacuum flow problems when performing vacuum extractor tests. This heavy-duty stainless steel plate won't draw down when vacuum is applied. Prevents blockage of flow holes. Solvent always passes through freely for consistently accurate test results. Eliminates problems and speeds testing. Can be used with both models H-1448 and H-1449 Vacuum Extractors.

Filterless Centrifuge Extractor— H-1857

Filterless Centrifuge Extractor, 230V 50Hz— H-1857.5F

The Continuous-flow Filterless Centrifuge Extractor is ideally suited for use in the extraction of mineral fines from bitumen-laden solvents obtained from standard asphalt extraction tests. In operation, the solvent suspension is fed through the top funnel into a special aluminum beaker. Using the high, 11,000 rpm centrifugal force, the liquid moves up the beaker wall and out the overflow tube while the solids remain for easy removal at test completion. The system allows the continuous feeding of the suspension until the solids-retaining capacity of the beaker is reached. The unit is supplied complete with a No. 18 (1.0mm) and No. 200 (75µm) sieve for placement at the top of the inlet funnel. Using this arrangement, an asphalt mix extraction test can be carried out by pre-dissolving the mix with solvent and then pouring the sample into the sieve. Meets ASTM D1856; AASHTO T164, T170. Dimensions: 20" x 15" x 33" (508 x 380 x 840mm). Shipping wt. 150 lbs. (68kg)