



H-3630A

Water Retention Apparatus— H-3630A

The apparatus is used in specification tests of masonry cement and physical testing of quicklime and hydrated lime. Unlike older models, the newly designed unit incorporates a vacuum regulator and gauge system in place of the old mercury manometer and relief column. The complete unit consists of an aspirator pump, vacuum regulator, vacuum gauge, three-way stopcock, flask, rubber gasket, brass funnel, perforated brass dish, filter paper and hardwood stand. Meets ASTM C1506, C110, C207 and E149.

Water Retention Apparatus Replacement Parts

Funnel	H-3630.3
Stopcock	H-3630.4
Rubber Gasket	H-3630.18
Filter Paper, 15cm, Package of 100	H-3630.21
Perforated Brass Dish	H-3631
Flask, 1000ml	H-4913.1M

Cement Bleeding Apparatus— H-3600

Used to determine bleeding rate and bleeding capacity of cement paste and mortar by direct and continuous procedure. Includes noncorrosive metal container for paste or mortar, collecting ring, support stand and necessary glassware. Rubber-covered double V-jaw burette clamp holds stopcock in position; single rubber-covered jaw clamp supports the burette and funnel assembly. Shipping wt. 20 lbs. (9.0kg)

Blaine Air Permeability Apparatus— H-3810

Determines fineness of Portland cement in terms of specific surface expressed as total surface area in square centimeters per gram of cement. Consists of: calibrated U-tube manometer, ground glass joint, stainless steel test cell and plunger, rubber aspirator bulb and perforated disc. Includes 8 oz (226.8g) bottle of red manometer fluid, filter paper, wood block for holding test cell during filling and funnel. Mounted on finished wood panel with rubber-footed base. Meets ASTM C204; AASHTO T153. Shipping wt. 15 lbs. (6.8kg)

Blaine Air Permeability Replacement Parts

Rubber Bulb	H-3811
Stopcock, cell and plunger	H-3812
Perforated brass disc	H-3813B
Perforated stainless steel disc	H-3813S
Manometer fluid, 8oz (240ml)	H-3814
Monometer U-tube, calibrated	H-3815
Filter paper discs, medium retentive, pkg 500	H-3816

SRM 114q - Portland Cement Fineness Standard— H-3817

This Standard Reference Material (SRM) is used in calibrating fineness testing equipment according to ASTM Standard Methods. The SRM unit consists of a glass vial with plastic caps containing powdered cement (each vial is contained in a sealed foil bag). Each vial contains approximately 5g of cement.

SRM 114q - Portland Cement Fineness Standard— H-3817.20

Package of 20, H-3817 individual vials.



H-3600



H-3810



H-3816



H-3813B



H-3817