



Cement Calorimeter— H-3160

Cement Calorimeter, 230V 50Hz— H-3160.5F

For determining heat of hydration of cements by measuring difference between heat of solution of dry cement and heat of solution of a separate sample partially hydrated for 7 to 28 days. Constant-speed stirrer maintains uniform temperature throughout liquid and supplies sufficient agitation to keep solid reactant suspended in the acid mixture. Includes insulated wood case, insulated 1G (3.8L) can; 1 pt. (0.47L) vacuum jar with stopper; differential thermometer plus holder, rod and reading magnifier; glass funnel; stirring paddle and chuck; geared synchronous motor; 4oz. (120ml) bottle of vinylite paint, and instructions. Meets ASTM C186.

Wagner Turbidimeter— H-3805

Wagner Turbidimeter, 230V 50Hz— H-3805.5F

Determines fineness of Portland cement, using photoelectric cell to measure light passing through suspended pulverized material. Microamp meter measures current generated in the cell; indicated reading is measure of turbidity of the suspension. Includes photoelectric cell (and light source in metal cabinet, timing burette and stand, wet sieving assembly including gauge and spray nozzle, microamp meter, 3 flasks, 4 test tubes, stirring apparatus and instruction book. Battery not included. Meets ASTM C115; AASHTO T98. Shipping wt. 140 lbs. (53.5kg)

Reaction Container— H-3320

For determining potential alkali reactivity of aggregates (chemical method) when used with high alkali cements. Stainless steel unit is 2" dia. x 2-1/4" high (51mm dia. x 57mm) fitted with air-tight cover. 50-75ML capacity. Meets ASTM C289.

Cement Soundness Tester— H-3350

Mold used to determine soundness of cement by measuring the expansion of cement when heated in an atmosphere of steam or boiling water. It consists of a brass split ring and two long parallel indicating arms. As cement expands, the ring is spread and an increased distance between the free ends of the indicating arms gives an index of soundness.

Organic Impurities Test Set— H-3493

Determines presence of injurious organic compounds in sands used in cement mortar or concrete. Test serves as warning that further tests of sands are necessary before they can be approved for use. Meets ASTM C40; AASHTO T21.

Sodium Hydroxide— H-3391

Graduated Bottle— H-3490A

Tube Sampler, Bulk Cement— H-3341

For sampling hydraulic cement in bulk shipments or bulk storage. Has two polished brass telescopic tubes with registering slots (with partitions) that open or close by rotation of the inner tube. Outer tube has sharp point to facilitate penetration. Sampler is 1-3/8" (35mm) dia. x approximately 63" (160cm) long. Meets ASTM C183; AASHTO T127. Shipping wt. 11 lbs. (5kg)

Tube Sampler, Packaged Cement— H-3340

For sampling hydraulic packaged cement, brass unit has hardwood handle. Unit is 1-1/4" (32mm) dia. x 28-3/4 (730mm) long. Meets ASTM C183; AASHTO T127.

