



Vicat Testers

Specifications

**Vicat Consistency Apparatus—H-3050**, Reversible stainless steel plunger with 10mm dia. on one end and threaded, H-3070 1mm dia. stainless steel needle on the other. Weight of plunger assembly with adjustable indicator is 300g. Graduated 0-50mm scale. Includes frame, graduated 0-50mm scale, plunger assembly, H-3080 conical mold and H-3049 glass plate. Shipping wt. 8 lbs (3.6kg)

**ASTM C91, C141, C187, C191, C308, C451, C472; AASHTO T129, T131, T186**

**Modified Vicat Apparatus—H-3060**, Same as H-3050, but weight of plunger assembly with adjustable indicator is 400g.

**ASTM C1191, AASHTO T131, EN196/3**

**Time of Set & Consistency Vicat Apparatus—H-3085**, Designed to switch between 17.5mm dia. needle for consistency determinations and a 2mm dia. needle for time of set determinations. Plunger assembly with adjustable indicator weighs 300g with 17.5mm needle attached and 400g with 2mm needle. Includes H-3086, 76mm ID x 40mm brass ring mold. Shipping wt. 6 lbs (2.7kg).

**ASTM C807**

**Modified Vicat Consistency Apparatus—H-3090**, Features 19mm dia. plunger with a weight of 50g. Includes plunger rod and indicator, frame, H-3080 conical mold and H-3049 glass plate. Shipping wt. 6 lbs (2.7kg).

**ASTM C110**

**Modified Vicat Consistency Apparatus—H-3120**, Features 12.5mm dia. plunger with a weight of 30g. Includes plunger rod and indicator, frame, H-3080 conical mold and H-3049 glass plate. Shipping wt. 6 lbs (2.7kg).

**Modified Vicat Cone Penetrometer—H-3133**, Features 10cm scale, attached aluminum cone and plunger. Total weight of plunger assembly, 200g. Includes frame, moveable rod with variable weights and plunger assemblies. Includes H-3840 400ml measure for sample as specified by ASTM C185. Shipping wt. 6 lbs (2.7kg).

**ASTM C780**

**Modified Vicat Cone Penetrometer—H-3134**, 35g magnesium cone and added 65g weight for 100g plunger weight. Includes frame, moveable rod with variable weights and plunger assemblies. Includes H-3080 mold. Shipping wt. 6lbs (2.7kg)

**American Dental Assoc.**

**Modified Vicat Cone Penetrometer—H-3135**, Includes magnesium cone on plunger with total weight of 35g. Use on unsanded plaster. Includes H-3080 conical mold. Shipping wt. 6 lbs (2.7kg).

**ASTM C472**

**Modified Vicat Cone Penetrometer—H-3137**, Same as H-3135 with additional 15g weight for 50g total weight for use on sanded plaster. Includes H-3080 mold. Shipping wt. 6 lbs (2.7kg).

**ASTM C472**

Replacement Parts Listed on Page 126