

## CEMENT CALORIMETER



The **C2751** and **C2752** Cement Calorimeters are used for determining the heat of hydration of hydraulic cement. This is achieved by measuring the difference between the heat of solution of dry cement and the heat of solution of a separate sample partially hydrated for 7 to 28 days. A constant stirrer maintains a uniform temperature throughout the liquid. The Calorimeter consists of a vacuum jar, insulated container, thermometer and electric stirrer. Calorimeter is available in both 110V/60Hz (**C2751**) and 220V/50Hz (**C2752**) (please specify type needed).

MODELS	DESCRIPTION	STANDARDS
<b>C2751</b>	CEMENT CALORIMETER, 110V / 60 Hz	ASTM C-186
<b>C2752</b>	CEMENT CALORIMETER, 220V / 50 Hz	

## HUMIDITY CABINET

The **C2931** Humidity Cabinet is used for storing cement mortar specimens at uniformly controlled temperatures and high relative humidity. The interior is stainless steel and the exterior is enameled with an inner inspection glass door. The humidity cabinet is insulated by 3" thick glass wool. The temperature range is from room temperature to 70° C. The humidity range is from 95% to saturation. The I.D. is 24" x 17" x 16" and the O.D. is 35" x 27" x 35".



MODELS	DESCRIPTION	STANDARDS
<b>C2931</b>	HUMIDITY CABINET, 110V / 60 Hz	ASTM C-87, C-109, C-190, C-191

## TUBE SAMPLERS

The **C3121** and **C3125** are used for sampling hydraulic cement. The **C3121** is the bulk sampler which has two slotted telescoping polished brass tubes with registered slots (with partitions) that open or close by rotation of the inner tube, the outside one having a sharp penetration point. The sampler is 1-3/8" dia x 63" long. The **C3125** package sampler is a brass tube with diagonal end, air hole and a hardwood handle. The unit is 1-1/4" dia x 28-3/4" long.



MODELS	DESCRIPTION	STANDARDS
<b>C3121</b>	BULK TUBE SAMPLER	ASTM C-183 / AASHTO T-127
<b>C3125</b>	PACKAGED TUBE SAMPLER	