



HUMBOLDT

Cement Calorimeters



Cement Solution Calorimeter, Digital ASTM C186

Features precision digital thermometer 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; 2-channel, Precision Digital Thermometer with a resolution of 0.001°C; plastic funnel; stirring paddle and chuck; geared synchronous motor.

Cement Calorimeter, Digital, 120V 60Hz H-3161

Cement Calorimeter, Digital, 230V 50/60Hz H-3161.4F

Ship wt. 35lbs. (15.8kg)



Calorimeter (Langavant) EN 196-9

Used to measure the heat of hydration of cement by the semi-automatic Langavant method. Test calorimeter includes factory calibration certificate. Temperature recorder provides (4) input channels (1x Reference and max. 3x test Calorimeter) for recording and transmission of temperature values. Analysis software provides reporting and editing function for calculating the heat of hydration. Unit includes: test calorimeter; reference calorimeter; mortar-sample container, temperature recording device and analysis software. Power for unit is supplied by USB from a PC or laptop. Does not include required PC.

Calorimeter

H-3162

Ship wt. 37lbs. (17kg)

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