

HYDRATION OF CEMENT CALORIMETER

101-E0123

MatCivTest
MATERIAL CIVIL TEST EQUIPMENT

101-E0123-10 HYDRATION OF CEMENT CALORIMETER

Used to determine the heat of hydration of low heat Portland and hydraulic cement.

Technical Specifications:

- Vacuum Flask Capacity 650ml
- Inner diameter of vacuum flask 75mm
- Depth of vacuum flask 160mm
- Calorimeter temperature differential range 5-6°C
- Graduation value 0.01°C
- Water Bath Temperature 20°C ± 0.1°C
- Power Supply AC 220V, 50Hz
- Dimensions 720 (L) x 600 (W) x 1120(H) mm



Technical Specifications:	
Vacuum Flask Capacity	650ml
Inner diameter of vacuum flask	75mm
Depth of vacuum flask	160mm
Calorimeter temperature differential	5-6°C
Graduation value	0.01°C
Water Bath Temperature	20°C ± 0.1°C
Power Supply	AC 220V, 50Hz
Dimensions	720 (L) x 600 (W) x 1120(H) mm

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101-E0123-20 HYDRATION OF CEMENT CALORIMETER ASTM WITHOUT THERMOMETER

Used to determine the heat of hydration of low heat Portland and hydraulic cement.

The apparatus consists of a Dewar flask contained in an insulated material and housed in a wooden box which is hinged so that the flask can be easily removed or replaced.

A second hinged wooden box contains the first one, granting a better insulation, as expressly requested by the a.m. Standards.

The Calorimeter is supplied complete with a constant speed electric stirrer, and filler glass funnel.

The standard supply does not include:

The following must be ordered separately.

- Thermometer (to be selected from digital models; see accessories)
- Data Logger recommended
- Propeller (selecting it from the specific Standard; see accessories)

Power supply: 230V 1ph 50Hz 150W

Dimensions: 350x250x680 mm

Weight: 12 kg approx.



Propellers

101-E0123-21, ASTM C186

101-E0123-22, EN 196-8

