

**Product Name :**  
Heat of Hydration Apparatus**Product Code :**  
LABENGINEERING-INDIA-CAT280039**Description :**

Heat of Hydration Apparatus

**Technical Specification :**

Heat of Hydration Apparatus is manufactured as per the industry defined IS 11262-1985, ASTM C 186 standards.

It comprises a Dewar flask, an internally lagged case, a constant speed electric stirrer, filler funnel and a Beckman-type thermometer complete with reader.

Heat of Hydration Apparatus is required to determine the heat of hydration of cement as expressed in calories per gram.

Heat of Hydration Apparatus comprises of the following:

Wide mounted double walled vacuum flask with a stop cock 38 mm and a insulating container for the flask.

Cock stopper is in two halves Facilitate the easy removal

A Beckman thermometer (Range 5° C) held tightly by the cock stopper in such a way as to avoid accidental contact with the stirrer blade and the reading lens.

A double bladed propeller type constant speed stirrer extended to within 38 mm from the bottom of the flask.

A Gooch type funnel with a stem of 6 mm inner dia. and a body approx. 25 mm long and 25 mm dia. is fitted to the cock stopper for introducing the sample.

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# Engineering Lab Equipment India

