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Dissolution Rate Test Apparatus (Single Unit)

Product Image



Description

The Apparatus consists of 4 parts. A Water Bath with 500 watt heater covered 1000 ml. Vessel made from Borosilicate Glass and Digital Temperature Control. Variable speed motor, with 30 cm long stainless steel shaft. A cylindrical stainless steel basket and a membrane fixing attachment, water bath is made of imported thick Acrylic sheet with transparent cover at top. Temperature of the bath is maintained at 30°C with an accuracy of $\pm 1^\circ\text{C}$. A cylindrical glass vessel of 1000 ml. capacity with slightly concave bottom, has a flanged edge at the top to accept a fitted cover having four holes. One hole placed in the centre. The shaft of the motor is fitted on an upright position has an electronic speed regulating device that allows the speed to be varied from 25 to 250 R.P.M. The shaft is 6 mm diameter. 30 cm basket fitted at end rotates smoothly and without any significant wobble. The basket consists of two parts one of which is attached to the shaft. It is of solid metal except for 2 mm vent and is screwed on the main shaft. Lower part of the basket is held with this part by means of threading and this allows proper removal of lower part for introduction of the test samples. The detachable part of the basket is fabricated of stainless steel mesh formed into cylinder of size 36 mm \times 25 mm diameter. The equipment is workable on 220 volts. Also available in Analog type, Single stage and Also available in Analog type, Double stage

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Catalog No. 100638

Disclaimer

The Products details given on this page are indicative in nature and JAPSON reserves the right to change them without prior notice. Buyer is also requested to re-check the specifications and other features of product at the time of order as product development is a continuous process and minor modifications may be made to design based on latest availability, process and design.