

Devices for determining the dynamic viscosity of gelatine

The method for determining the dynamic viscosity of gelatine involves the use of a viscometer to measure the resistance of the gelatine solution to flow. The gelatine solution is prepared and tested at a specific temperature in order to obtain consistent and accurate readings. This standardised procedure ensures consistent quality and comparability of results.

This data sheet summarises the equipment required to measure the dynamic viscosity of gelatine. The measurements are based on the documented procedures in the GME monograph "Standardised Methods for the Testing of Edible Gelatine" and the GMIA "Official Procedure of the Gelatin Manufacturers Institute of America, Inc.".

The measurement of dynamic viscosity is crucial for determining the quality and functional properties of gelatine. It provides information about the flow properties of the gelatine solution, which are important for various applications in the food, pharmaceutical and cosmetics industries.



Our devices for this method help you to ensure the quality of the gelatine products and enable a comparable assessment of different batches and manufacturers.

Order information

Item no.: L570030111

Thermostating bath for up to 10 pipettes can be used up to 65°C

Consisting of:

- 10 positions for graduated pipettes, offset in 2 rows
- 1 feed-through in the lid for reference thermometer
- 1 free position for circulation thermostat
- 10 plugs for empty positions
- 1* outlet with valve
- Three-part lid for easy cleaning of the bath
- Material: PVC white, acrylic glass front
- External dimensions: 600*180*500 (w*d*h)

Necessary accessories:

- **Circulation thermostat:** L14020T105, L14020T106
- **Chill-it 170 flow-through cooler (for use below 30°C):** 106725104
- **Viscosity pipette 100 ml:** 106720690
 - Dimension according to GMIA standard
 - Calibrated for dynamic viscosity P/s at approx. 2 and 10 to determine the constants A and B, calibrated at 60°C
 - Material glass
- **Calibration certificate gelatine viscosity pipette:** 106720690Z



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