

HOMOGENISER



The laboratory homogeniser is indispensable for the correct preparation of pulp suspensions.

These suspensions can be used in the determination of the refining degree according to the Schopper-Riegler and Canadian Freeness methods, and for the preparation of laboratory sheets for physical testing according to the Conventional- and Rapid-Köthen sheet forming methods.

This instrument maintains pulp suspensions in constant movement by means of a rotation speed of 150 rpm.

This prevents sedimentation and guarantees a perfect homogeneous suspension of already properly desintegrated fibres without any change in their structural properties.

Typical users are pulp industries and research institutes of forestry and pulp.

Technical specifications

- Motor
Drive system by three phase high efficiency integrated gearmotor
- Rotation speed
150 ± 15 rpm
- Power requirements
220 V, 60Hz, 0.4 kW, single phase

Physical specifications

- Container
10 l graduated plexiglass stock container with integrated graduated volume scale and a lower mounted manual valve for samples collection.
- A chromed soft-mixing propeller is mounted into the reservoir and is driven directly in a lightweight gearmotor drive, resulting into an optimised and safe operation.
- Dimensions
33 x 47 x 144 cm (W x D x H)
- Net Weight
27 kg

Features

- Creates uniform sampling without the risk of damaging pulp's fibers
- Designed for table mounting and comfortable operation
- Sturdy construction
- Non-corrosive materials ensure a long and almost maintenance free lifetime

Standards

ZM V/6/61