

# 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.



*Model D-150*

## 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

## 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 gear-motor drive, resulting into an optimised and safe operation.

### Dimensions

33 x 47 x 144 cm (WxDxH)

### Net Weight

27 kg

## Standards

**ZM V/6/61**

## Performance data

### 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

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