

DISINTEGRATOR

The disintegrator model DSG-2000 is an indispensable instrument for the laboratory disintegration of pulp and the correct preparation of pulp suspensions.

This instrument is used to prepare samples prior to the determination of the refining degree according to the Shopper-Riegler and Canadian Freeness methods.

It is also used in the preparation of laboratory sheets for physical testing according to the Conventional- and Rapid-Köthen sheet forming methods.

It is important that the fibres are not defibrilated or cut.

The design allows to separate again interlaced fibres which were free in the pulp stock without really changing their structural properties.

The corrosion resistant instrument ensures a long and almost maintenance free usefull lifetime.



Features

- Robust construction
- Non-corrosive components like hard nickel coated bronze and stainless steel assure an extended life-time
- Safe, reliable and comfortable operation due to solid hinge arm

Physical specifications

Tank
2.45 litres

Container
Container with two handles and bascule propeller assembly with integrated drive system and safety switch

Dimensions
26 x 55 x 67 cm (WxLxH)

Net weight
37 kg

Standards

ISO 5263, TAPPI T-205, SCAN C18

Performance data

Rotation frequency
48.3 Hz (2900 ± 100 rpm)

Digital controller
Digital controller to set the number of rotations programmable up to 999 999 rotations with automatic shut-off at the end of test

Power requirements
220 V, 50 or 60 Hz, 350 W

Safety features
Solid hinge arm
Safety switch

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