



DISINTEGRATOR

For standardised disintegration of pulp suspensions.



MOST IMPORTANT BENEFITS

- ✓ Made of robust stainless steel and aluminium
- ✓ Waterproof electronics built into the head of the instrument
- ✓ Hinged head for easy take-out of the container
- ✓ Standardised pot made of light acrylic glass or stainless steel

PRODUCT DESCRIPTION

This robust, well-proven disintegrator is very simple to operate. The upper part of the unit is balanced, and can easily be opened with just one hand in order to place the disintegrator pot beneath. The disintegration process begins as soon as the start button is pushed. Two safety devices prevent agitation starting without the container. When the preset number of rotations is reached, the unit switches off automatically. The number of rotations is automatically reset to zero.

TEST DESCRIPTION

The disintegration container is filled with water and the pulp is added. The disintegrator pot is placed on the disintegrator and the upper part moved down until it engages. The standard number of rotations is preset (30,000 or 10,000 rpm). They can also be adjusted if required however. The disintegration process begins when the start button is pressed, and it ends automatically when the preset number of rotations is reached. After unlocking and opening the upper part, the disintegration container is removed. The disintegrated pulp suspension is then ready for further processing.



Display and control panel

TECHNICAL DATA

DEVICE/INSTRUMENT

- Made from robust stainless steel and aluminium
- Hinged head for easy take-out of the vessel
- Safety interlock
- Motor: 370 W
- Digital display of the revolutions
- Agitator speed according to standard: 2,980 ± 30 rpm applicable for TAPPI and ISO
- Measuring gauge for checking the propeller
- Disintegrator pot made of acrylic glass
- Optional: Disintegrator pot made of stainless steel for TMP-samples

INSTALLATION REQUIREMENTS

Electrical connection	100 – 240 VAC / 50 – 60 Hz / 5.0 A
Water connection	No
Compressed air	No

APPLICABLE STANDARDS

- DIN EN ISO 5263-1_2004
 - TAPPI T 205
- etc.



Hinged head for easy take-out of the vessel



Disintegrator pot made of light acrylic glass or stainless steel