



PULP DISINTEGRATOR PD-10 model

For the mechanical disintegration
of cellulose pulp suspension.



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APPLICABLE STANDARDS

ISO 5263 - SCAN C 18/M2 - UNE 57026 - TAPPI T 205 - NF Q 50002 - PAPTAC C.6...

DEFINITION

A pulp sample is said to be disintegrated when it has been subjected to mechanical treatment in water so that interlaced fibers, which were free in the pulp stock, are gain separated from one another without appreciably changing their structural properties.

APPARATUS

A disintegrator consisting of:

- A cylindrical container provided with four vanes on the inside.
- A propeller mounted on a vertical shaft, driven by electric motor.
- A counter for recording the number of revolutions of the shaft.

The three blades of the propeller of disintegration are placed in the center of the vessel at a fixed distance and rotate at a specified speed; revolutions are reflected on a digital readout display

TEST DESCRIPTION

The pulp sample is introduced into the glass and add two quarts of water. Placed in the base of the Disintegrator firmly against the stops and closes the upper head.

You select the desired number of revolutions (in case they are different from the previous test) and begins the decay phase. When the digital counter reaches the preset speed the

Disintegrator will stop. Once the sample disintegrated pulp may be continued with the process of refining in PFI or Valley type equipment..., and finally being able to produce sheets of paper in a standard sheet forming manual or type "Rapid Köthen" once obtained paper sheets can perform various tests or measurements to assess the physical properties, surface, optical ...

This Disintegrator allows the mechanical treatment of pulp in water, so that the interlocking fibers that were free on the sheet of pulp are again separated from each other, without appreciable changes in their structural properties.

- **Compact and robust**
- **Protected electronic elements and located on the top of equipment**
- **Pre-selection of revolutions by digital display**
- **Security Mechanism with additional stop button**
- **Head tilting and easy to clean**
- **High performance motor**
- **Pot of stainless steel**
- **Digital display**
- **Easy to use and very ergonomic**



GENERAL FEATURES	
Instrument	Pulp Disintegrator
Model	PD-10
Disintegrator Vessel	Stainless Steel
Capacity Vessel	2 Litres
Power supply	(380V 3-phase 50 Hz) or (230V 3-phase 60 Hz) + GND
Motor revolutions	2.975 ± 25 r.p.m.
Dimensions	350 x 550 x 500 mm (W x D x H)
Net Weight	35 Kg
Box for transport	550 x 750 x 750 mm (W x D x H)
Gross Weight	60 Kg

STANDARD DELIVERY CONTENT:

- * Pulp Disintegrator PD-10 model
- * 1 Pot of stainless Steel