

HST-DJD100 Beating Freeness Tester



(The picture is for reference only)

Introduction

The beating degree tester (also known as the beating degree tester) is designed based on the phenomenon that the beating degree of pulp is inversely proportional to the filtration rate of the pulp suspension. It is modeled after the Schubert-Riegeler beating degree tester and is used to determine the filtration performance of pulp suspension, study fiber condition, and evaluate the degree of pulp beating.

Features:

1. The beating degree tester uses a manually tightened sealing cone.
2. A three-legged leveling mechanism adjusts the centering of the sealing cone to ensure a tight seal between the cone and the cylinder.
3. A throttle valve regulates the water flow rate, thereby adjusting the piston rod's rising speed and ultimately the sealing cone's rising speed.

4. Key components of the instrument are made of high-quality corrosion-resistant stainless steel, resulting in a more aesthetically pleasing, rust-free, and durable machine.

Specification

Model	HST-DJD100
Measurement range	1 ~ 100 SR
Indicator cylinder graduation value	1 SR
Overflow outlet drainage time	149±1s
Remaining volume	7.5 ~ 8mL
The rising speed of the sealing cone	100±10mm/s
Test conditions	Temperature 10–30°C, relative humidity not exceeding 85%
Main unit size	450×250×1160mm
Net weight	About 30 kg
Standard	ISO 5267/1 "Pulp—Determination of water permeability—Part 1: Schubert-Riegeler method" GB 3332 "Determination of freeness of pulp" etc.
Standard configuration	Main unit 1 + Copper mesh 2 + Rubber ring 2 + Measuring cylinder 2 + Wrench 1 + Technical documents