

HST-PSF200 Paper sheet forming equipment



(The picture is for reference only)

Introduction

The HST-PSF200 paper sample generator (rapid Kaiser process sheet generator) is an integrated experimental device combining sheet forming and vacuum drying. It is suitable for research and experimentation in papermaking research institutes and paper mills. The paper sample generator forms $\phi 200$ paper samples from pulp, which are then dried in a dryer before being tested for physical strength. This process helps identify the properties of the pulp raw materials and the specifications of the beating process. Its technical indicators meet the standards stipulated for physical testing equipment in my country's papermaking industry. (The last sentence, "The paper sample is dried in a dryer before being tested for physical strength," is a repetition of the previous one and can be omitted.)

Specification

1. Sample diameter: $\leq 200\text{mm}$
- 2 Vacuum pump vacuum degree: $-0.092 \sim -0.098\text{MPa}$
3. Vacuum pressing force: $\approx 0.1\text{MPa}$
4. Drying temperature: $\leq 140^{\circ}\text{C}$

5. Drying time (quantity 30-80g/m2): 4-6 minutes (time setting range 1-99.59min)
6. Vacuum pump motor power: 2.2KW
7. Worktable surface is made of stainless steel plate
8. Heating power: 1.5KW×2
9. Dimensions: Approximately 1800mm×710mm×1300mm
10. Weight: Approximately 295Kg
11. Water source: Requires a continuous water supply

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