

HST-FS10 Paper Filtration Speed Tester



Instrument Applications:

This instrument is suitable for determining the filtration rate of filter paper and filter paperboard with a certain wet strength, but it cannot be used for determining the filtration rate of filter paper and filter paperboard that have undergone resin processing or whose surfaces are not hydrophilic or not completely hydrophilic. The working principle of the instrument is to measure the time required for 100 ml or 50 ml of water to flow through a paper sample with a diameter of 35.7 mm (area of 10 cm²) under a pressure difference of 1 kPa (i.e., 100 mm water column) between the two sides of the paper sample. The time is expressed in seconds.

Technical parameters:

model	HST-FS10
Sample thickness range	0.10~3.00 mm
test area	10±0.05 cm ²
Clamp ring inner diameter	∅ 35.7 mm

outer diameter of clamp	Ø 50 mm
Gear selection	50mL/100mL
Result Unit	ml/(cm ² ·s)
Display output	7-inch touchscreen display, printer output
External dimensions	330×400×920mm
power supply	220V 50HZ
Work environment	Indoor temperature 20±10 °C; relative humidity <85%; clean with little dust, free from strong magnetic fields and strong vibration sources.
net weight	18KG
Meets standards	GBT10340 Determination of Filtration Rate of Paper and Paperboard, etc.

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