



Dongguan Hust Tony Instruments Co.,Ltd

东莞华科东尼仪器有限公司

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Fully Automatic Fabric Air Permeability Tester HTF-020



Description:

Fully Automatic Fabric Air Permeability Tester is used to test the air permeability of various woven fabrics, knitted fabrics, non-woven fabrics, industrial filter materials etc.

Technical parameters:

Model	HTF-020
Measuring Unit	mm/s, L/m ² /s, cm ³ /cm ² /s, dm/min, L/dm ² /min, m/min, m/h, cfm
Test Accuracy	±2%
Test Pressure	0-1000Pa for sample, 0-4000Pa for Nozzle
Air permeability	0.2~13000mm/s
Measuring error	±2%
Fabric thickness	≤12mm
Air regulation	data feedback dynamic regulation



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Test Area &Test fixture	20cm² and 38cm² (Ø70mm);5 cm ² ,25cm,50cm ² and 100cm ² (optional)
Out put	inside stylus printer
Power Source	220V±10% , 50Hz, 800W
External Dimension	520×850×1050mm
Pore plate(nozzle)	8 pcs, automatically changeable by machine, no need to change it by hand
Net weight	95Kg

Applicable standards: GB/T5453, GB/T13764, **EN ISO9237**, ISO7231, ISO5636, BS5636, DIN 53887, ASTM D737, JIS L1096, BS5636

Features:

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1. **Automatically change the pore plate (8 pcs)**, fast and convient, no personal error.
2. Intelligent and flexible touch control interface 320*240 size. fully display its dynamic test.
3. Use draught fan with muffler device, no noise during the test.
4. This machine uses high precision pressure sensor;
5. Automatically fasten clamps, seal in good effect;
6. Data reading and printing, units select-able and air permeability auto conversion;
7. Upper/lower clamps and air tube made from aviation aluminum material by surface oxidation procedure;
8. Automatically measure the air permeability for all kinds of sample;
9. Fast test speed, each test could be finished within only 1 minute,.
10. Program could be Chinese or **English display**.

Accessories

Descriptions	Quantity	Specifications
Nozzle (Pore plate)	8 Pieces	Inside the machine, please do not open the cover.
Circular specimen holder	1 Piece	20 cm ² 
Circular specimen holder	1 Piece	38 cm ² 
Lower sample holder plate that equipped with 38 cm ² circular specimen holder.		



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Calibration plate	1 Piece	
Thermal printing paper	3 rolls	
Opener clamp	2	
Plug adapter	1	
Power line	1	