



This apparatus is designed to test fabrics thermal resistance and humidity resistance under certain conditions.

The machine's testing accuracy is much higher than referenced standards call for, therefore, it's an ideal piece of equipment to conduct fabric performance testing.

Applications:

- Textiles

Standards:

- GB/T11048-2008
- ISO 11092
- ASTM F1868 (A-E)

Features:

- Highly accurate temperature sensor to increase stability and repeatability
- Large colour touch screen display for easy use
- Micro-computer and data processor control to measure and calculate test results
- Connection to Printer for immediate reports



Specifications:

Thermal Resistance Testing	Range: 0 ~2.000m ² K/W	Ratio: 0.0001m ² K/M	Repeatability: ≤±2.5%
Water Vapour Resistance Testing	Range: 0 -1000m ² Pa / W	Ratio: 0.01 m ² Pa/W	Repeatability: ≤±2.5%
Testing Plate Temperature Range	20°C - 50°C		
Air Speed	Adjustable – 0.5, 1.0, 1.5 m/s (±0.05m/s)		
Temperature & Humidity	a. 20°C±0.1°C Resolution : 0.01°C 65%±3% Resolution : 0.01% (Thermal resistance) b. 35°C±0.1°C Resolution : 0.01°C 40%±3% Resolution : 0.01% (Water-vapour Resistance)		
Fluctuation Range of the Testing Board	(Specimen Thickness) ≤70mm		
Resolution of Heating Plate	±0.1°C		
Testing Board Dimensions	200 x 200mm		
Specimen Dimensions	350 x 350mm		
Power Supply	AC220V ±10%, 4000W		
Machine Dimensions:	1000 x 770 x 1800mm		
Machine Weight	380kg		

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