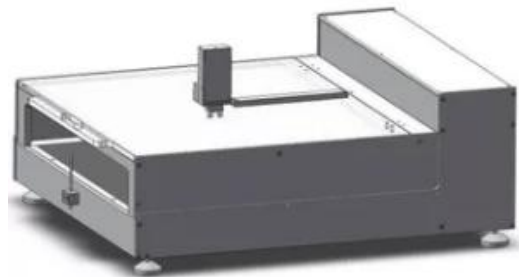


Product Information

HTF-090 Hot wet resistance Tester

Use: For textiles, clothing, bedding, sleeping bags, interior decoration, film, coating materials, foam, leather, multi-layer fabric combination of textiles and other flat materials thermal and wet resistance testing.

Standards: GB/T11048-2008 ISO11092 ASTM F1868(A-E)



Accessories: Sweating Guarded Hotplate for water vapor resistance

Technical Specifications

1. Thermal resistance

- (1) test range: 0 to 2.000m² - K/W
- (2) Resolution: 0.0001m² - K/W;
- (3) Repeatabile error $\leq \pm 2.5\%$, factory control $\pm 2\%$;

2. Wet resistance

- (1) Test range: 0 to 1000 m² - Pa / W;
- (2) resolution: 0.01m² - Pa/W;
- (3) Repeatabile error $\leq \pm 2.5\%$, factory control $\pm 2\%$;

3. Test plate temperature adjustment range: 20 to 50 degrees C;

4. Speed of air at 15mm above the center of the test board: 1 (or 0.5 or 1.5) m/s optional, ± 0.05 m/s;

5. The climate room requirements:

- (1) 20 degrees C ± 0.1 degrees C resolution: 0.01 degrees C, 65% $\pm 3\%$ resolution: 0.01% (thermal resistance);
- (2) 35 degrees C ± 0.1 degrees C resolution: 0.01 degrees C, 40% $\pm 3\%$ resolution: 0.01% (wet resistance);

6. Platform lifting range (specimen thickness) $\leq 70\text{mm}$;
7. Heating plate temperature control accuracy: ± 0.1 degrees C;
8. Test board size: 200×200 ;
9. Sample size: $350 \times 350\text{mm}$;
10. Size: $1000 \times 770 \times 1800\text{mm}$;
11. Weight: 400Kg;
12. Source: AC220V $\pm 10\%$, 4000W.

Features:

1. The test plate is made of a microporous porous plate made of special stainless steel material powder metallurgy. At an environment of 20 degrees C, the radiation coefficient of the surface of the test plate is measured to be higher than 0.4 by directly shining the beam of the test plate at a wavelength range of 8um to 14um and reflecting it in a hemispheric manner. Compared with test plates made of other materials, the test board is blocked by problems such as rust and copper rust (copper green) after long-term wet resistance test;
2. Microcomputer control and data processor can be used to directly measure and calculate the performance of the specimens. (thermal resistance, wet resistance, permeability rate, permeability index, insulation rate, heat transfer coefficient, krone value) does not require manual calculation.
3. The large-screen color LCD **touch screen display** can store all the test process data and final statistics Results, provide query;
4. Equipped with a **printer**, test data can be output directly by the printer