



Fabric Water-vapour Transmission Tester GT-C28



Application:

Fabric Water-vapour Transmission Tester: To test the water vapour transmission of various fabric (moisture permeable fabric included) and non-woven fabric such as bat wool, space cotton, sportswear fabric etc.

Standards:

GB/T12704, GB/T21655, ASTM E90, ASTM E96 (Procedure A, B, C, D, E),

Feature

- Water-vapour Transmission Tester Apply to various standards and testing methods.
- Rotary specimen holder, the speed can be adjusted. The test is much evenly than fixed specimen holder.
- The wind speed can be adjusted. Adopt import air velocity transducer to demarcate which can ensure the speed.
- The temperature and humidity control use RID algorithm, which fluctuation is small and can prevent the overshoot. The temperature and humidity calibration function can avoid the sensor bias caused by long time using.
- High accuracy temperature and humidity sensor makes the test result reliable and precise.
- Single chip control, color touchscreen operation, modular design, temperature and humidity digital setting, intelligent control and real-time display the temperature, humidity and time.
- Can input parameter on the touch screen and calculate the WVT, WVP, PV value.
- The machine equipped with upper computer software, can record the temperature and humidity curve, be easy to calculate and print mass data report.

Key Specifications

Model	GT-C28-1	GT-C28-2
Water vapour permeability cups	1 layer, 8pcs	2 layers, 8pcs/layer
Test chamber temperature	RT~50°C	
Resolution	0.1°C	
Accuracy of temperature	±0.5°C	
Weighing function	No	
Testing method	Upright cup method	
Humidity of testing chamber	40%RH~95%RH	
Resolution	0.1%RH	
Accuracy of humidity	±1%RH	
Testing time	0.1~999.9h (can be changed into "min")	
Speed of circulating air	0.1~0.8m/s	
Breathable area	2826mm ² (φ60mm GB12704) or 4534mm ² (φ76mm ASTM E96)	

	Or 5408mm ² (φ83mm BS 7209) or 2826mm ² (φ60mm JIS L1099)	
Dimension	740×670×1185mm	1050×635×1170mm
Weight	200kg	250kg
Power supply	AC 220V 50/60HZ 4KW	AC 220V 50/60HZ 4KW