

## SL-F07 Digital Air Permeability Tester

Adopt microcomputer control system, high-precision pressure sensor, digital feedback to adjust the suction volume, automatically track, measure and display the pressure difference at each point, and its stability and reproducibility are extremely high;

The test data is directly displayed on the high-definition display screen, without the need to manually look up the meter, you can display each set value, freely convert the air permeability and the air permeability, and improve the test efficiency;

Professional test analysis software contains professional mathematical models to make the test automatically completed, even if the aperture test is of different sizes, it will have an excellent performance;

The working mode adopts air pressure sensor measurement, and the computer program-controlled digital display test data;

All test nozzles are calibrated point by point in the full range, and the test data is more accurate. The test nozzles are made of high-quality stainless steel and have long life;

The test pressure can be preset, the test result is displayed digitally, and the test is printed out.

### Technical parameter

1. Pressure range: 1~5000Pa self-set aperture range
2. Air permeability measurement range: 0.7~47336mm/s
3. Measurement error:  $\leq\pm 2\%$
4. Thickness of tested fabric:  $\leq 8\text{mm}$
5. Suction volume adjustment: automatic dynamic adjustment
6. The area of the through hole of the sample holder: 5cm<sup>2</sup>; 20cm<sup>2</sup>; 50cm<sup>2</sup>; 100cm<sup>2</sup>
7. Diameter of the through hole of the sample holder:  $\Phi 50\text{mm}$  ( $\approx 19.6\text{cm}^2$ )  $\Phi 70\text{mm}$  ( $\approx 38.5\text{cm}^2$ )
8. Orifice plate: 8 eyes (automatic replacement)
9. Number of trials: 200
10. Display mode: large-screen LCD Chinese display
11. Control mode: microcomputer control, high-precision low-dropout sensor dynamic measurement, professional test analysis software including professional mathematical models to make the test automatically completed, even if the test is between different sizes of apertures, it will have an excellent performance.
12. Setting method: digital setting, the unit can be switched as needed
13. Working mode: automatic replacement of orifice plate, automatic compression of sample
14. Sample selection: continuous testing without cutting samples
15. Power supply: Ac220V $\pm 10\%$  50Hz

