

Introduction

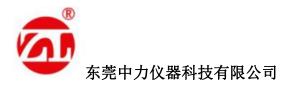
Name: ZL-5010A Fully Automatic Fabric Air Permeability Tester



 Tel: +86-769-3365 7986
 Fax: +86-769-3365 7987

 Website: www.zltester.com
 E-mail: Zhongli@zltester.com

 Address: No.62, Xinhe Management of Area, Wanjiang District, Dongguan city, Guangdong province ,China



[Application]:

The instrument is used for the determination of the breathability of a variety of textile fabrics, including industrial fabrics, nonwoven fabrics, and other breathable materials; it can be used according to AFNOR (French Standards Association) G07-111, ASTM (American Materials Testing Standards) D737, BS 5,636 (British Standards), DIN 53,887 (German Industrial Standards), EDANA 140.1 (Association of European Disposable and Nonwoven Fabrics), ISO 9,237 (International Organization for Standardization), JIS L1096-A (Japanese Industrial Standards), TAPPI T251 (Pulp and Paper Industry Association) and other standards are automated and digitized.

[Standards compliant] :

GB/T5453 GB/T13764 ISO9237 ISO7231 ISO5636 BS5636 ASTM D737 DIN 53887 JIS L1096 BS5636

[Performance characteristics]:

• Automatic replacement of orifice plate, automatic parameter correction, a key to complete the test, without having to manually click on the screen on duty intervention;

• Patented product, automatically measuring the air permeability and air permeability of various samples in the full range.

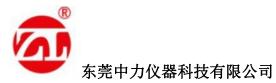
- •All military aluminum alloy rack design, no discoloration and no oxidation for 30 years.
- Philips 32-bit high-speed embedded processor with sampling frequency up to 2500 f/s.

• Exclusive patented sample clamping method in China, which only takes 1 second for sample clamping and 3 times more efficiency than other models.

- Test the body seal air duct design, no external environmental impact error.
- Imported fan, inverter motor control, ultra-quiet, high efficiency;
- Configure RS 232C instrument data port, compatible with PC connection.
- Program Support Language: Chinese and English. (optional)

• Menu-style interface design, the test unit can be switched freely, and can be directly printed out without manual conversion; Units of measurement: mm/s, cfm, cm3/cm2/s, I/m2/s, I/dm2/min, m3/ M2/min and other optional.

Tel:+86-769-3365 7986Fax:+86-769-3365 7987Website:www.zltester.comE-mail:Zhongli@zltester.comAddress:No.62, Xinhe Management of Area, Wanjiang District, Dongguan city, Guangdong province ,China



• This machine can be independently configured micro-printer or A4-pin printer, direct output report; (optional)

• With a continuous test mode, computer or instrument screen can be controlled in two directions, suitable for different customer needs;

Technical Parameters:

- 1. Pressure Range: $0 \sim 4000$ Pa Self-setting pressure drop
- 2. Measurable air permeability: 0.2~12000mm/s
- 3. Measurement error: $\leq \pm 1\%$
- 4. Measurable fabric thickness: ≤20mm
- 5. suction volume adjustment: data feedback dynamic adjustment
- 6. sample area setting circle: 20cm2
- Optional 5cm2; 50cm2; 100cm2; Φ50mm (≈19.6cm2); Φ70mm (≈38.5cm2)
- 7. Test Plates: Automatic Replacement, Automatic Measurement
- 8. data processing capacity: ≤ 2500 tests
- 9. data output: high-definition touch screen display; A4 Chinese print; computer interface (optional)
- 10 .Power Source: AC 220V±10V 50Hz
- 11. Weight: 110Kg
- 12. Outer shape: 600×750×1250mm (L×W×H)