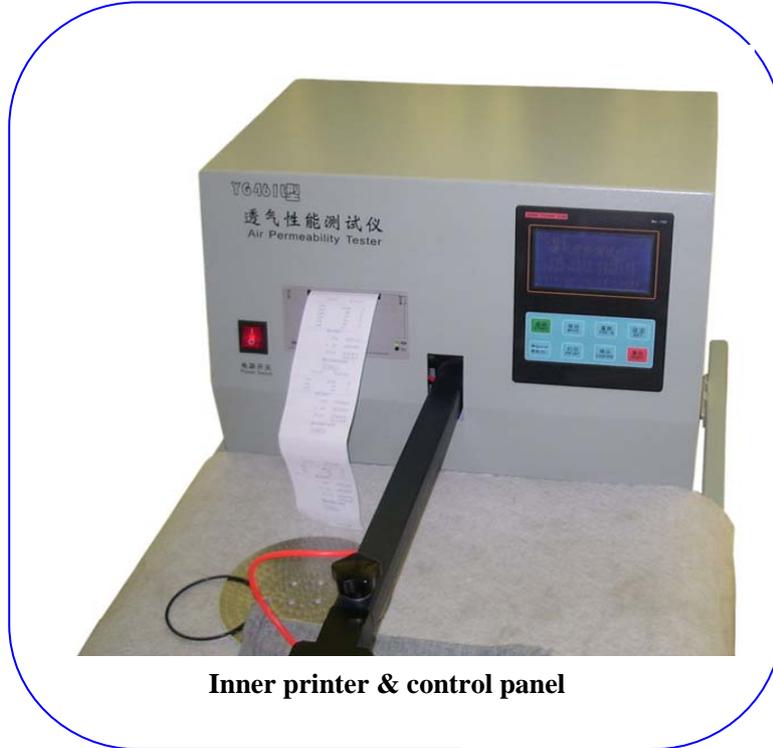




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YG461E DIGITAL AIR PERMEABILITY TESTER



Inner printer & control panel





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MODEL NO.

YG461E

Application:

Digital Air Permeability Tester is suitable of determining the resistance to the passage of air of woven, knitted and non-woven, and most of the textile materials.

Related Standards:

Table with 2 columns: STANDARDS and corresponding standard numbers (GB/T 5453, BS 5636, ISO 9237, DIN53887, ASTM D737, JIS L1096-A).

Note: this tester can conform to but not limit to all the standards above, for more standards conformance, please contact us.

Features:

- Use 32bit Industry-grade MCU(Mitsubishi, Japan), more excellent anti-jamming, more excellent stability, more rapid data transference speed, and data storage up to 99 groups;
Adopt microcomputer control system, branded high accuracy pressure sensor, digital feedback and adjust air volume;
Automatic follow, measure and display pressure difference of each point with high stability and repeatability;
All nozzles have been calibrated by-point in full testing range to let test data more accuracy;
All test data is displayed by large high-definition LCD displayer, no need to calculate test result by hands;
Automatic converse air permeability rate and air permeability volume to improve test efficiency;
Support to language, Chinese and English, large LCD displayer, and menu type operating mode;
Equipped with inner printer,
Adopt micro-computer control, insure the test data accuracy and test data can be saved and



processed automatically;

- Special designed sample holder accomplish test in box and ensure the yarn without slip;
- Equipped with the inner printer, test report can be printed anywhere;
- Testing procedure can be set conveniently by the inner control panel;
- With the function of saving data when power-down.

Key Specification:

- Pressure difference range 50~500Pa
 If need higher pressure up to 3000pa, should specify before order
- Measure range 0.5~10000mm/s
- Measure accuracy $\leq \pm 3\%$
- Sample thickness $\leq 5\text{mm}$
- Sample effective test area $5\text{cm}^2, 20\text{cm}^2, 50\text{cm}^2, 100\text{cm}^2$
- Orifice plate (original Nozzle) 8 pcs ($\Phi 0.5\text{mm}, \Phi 1.0\text{mm}, \Phi 1.5\text{mm}, \Phi 2.5\text{mm}$
 $\Phi 4.5\text{mm}, \Phi 8.0\text{mm}, \Phi 14.5\text{mm}, \Phi 26\text{mm}$)
- Power supply 220V 50Hz 1300W
- Dimension: 700×1000×1000mm (L×W×H)
- Weight: 100kg

Standard configuration:

No.	Item	Quantity
1	Main machine	1 set
2	Orifice plate ($\Phi 0.5\text{mm}, \Phi 1.0\text{mm}, \Phi 1.5\text{mm}, \Phi 2.5\text{mm}, \Phi 4.5\text{mm}, \Phi 8.0\text{mm}, \Phi 14.5\text{mm}, \Phi 26\text{mm}$)	1 pcs each 8 pcs total
3	Fixed area ring (20cm^2)	1 pcs
4	Rubber ring	2 pcs
5	Standard calibration plate	1 pcs
6	Fuse 10A	2 pcs
7	Thermal paper	2 rolls
8	Printer ribbon	1 pcs

Optional Accessories:

No.	Item	Quantity
1	Fixed area ring $5\text{cm}^2, 50\text{cm}^2, 100\text{cm}^2$	