

Air Flow Resistance Tester for Face Mask Melt-Blown Fabric

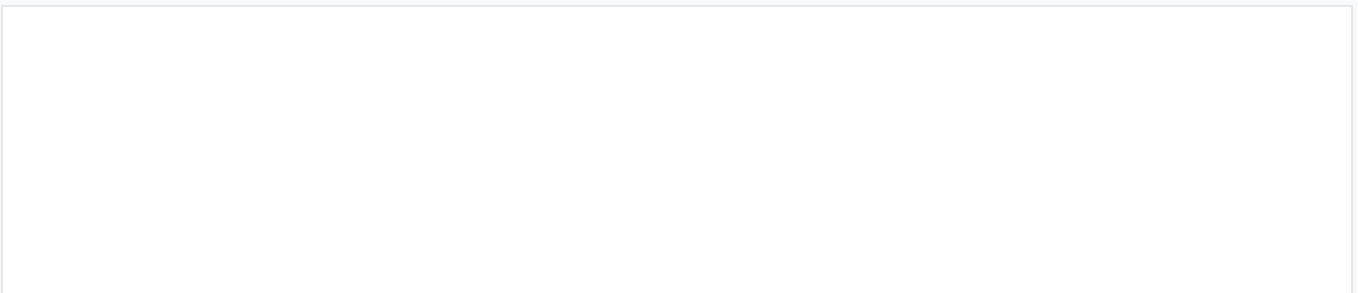
This air flow resistance tester measures the pressure drop across melt-blown fabrics. It is designed to evaluate the breathability and filtration efficiency of face masks.



ADDITIONAL IMAGES



Overview



The main unit features a high-resolution touch screen and an adjustable flow rate system (8-160L/min).

Professional Air Flow Resistance Testing

This high-precision differential pressure tester is designed to evaluate the breathability and filtration efficiency of melt-blown fabrics and various face mask types. Compliant with major international standards including GB2626, EN149, and NIOSH, it provides essential quality control data for respiratory protective equipment. The machine features an imported flow sensor and a high-resolution touch screen for intuitive operation and accurate, temperature-compensated measurements.

Key Performance Metrics

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160 L/min

Max Test Flow

1500 Pa

Pressure Scale

1000 sets

Data Storage

Technical Specifications



Simplified one-button operation designed for high efficiency in laboratory environments.

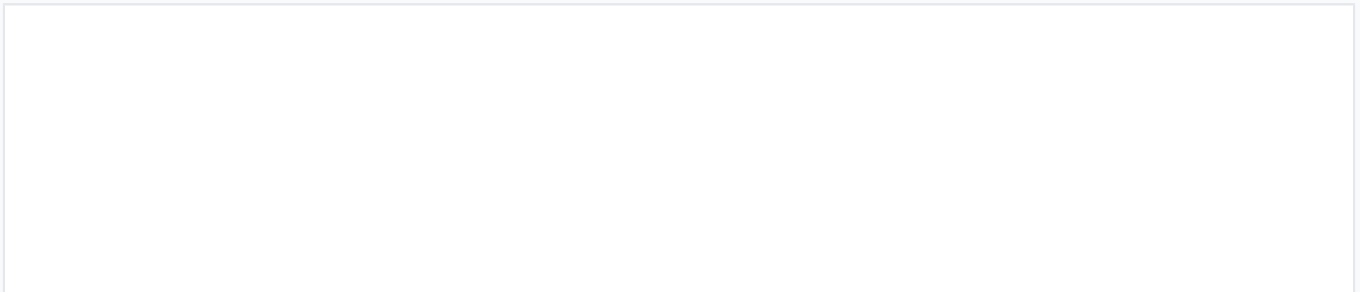
Test Flow Range	8-160L/min Adjustable
Pressure Scale Range	±1500Pa
Sensor Technology	Imported flow sensor chip with automatic temperature and pressure compensation
User Interface	Chinese, English, Touch Screen

Compliance & Standards

Supported Standards

Region	Standard Codes
China	GB2626-2006, GB/T 32610-2016, YY 0969, YY/T 0469
European Union	EN149, EN14683
USA	NIOSH

Applications

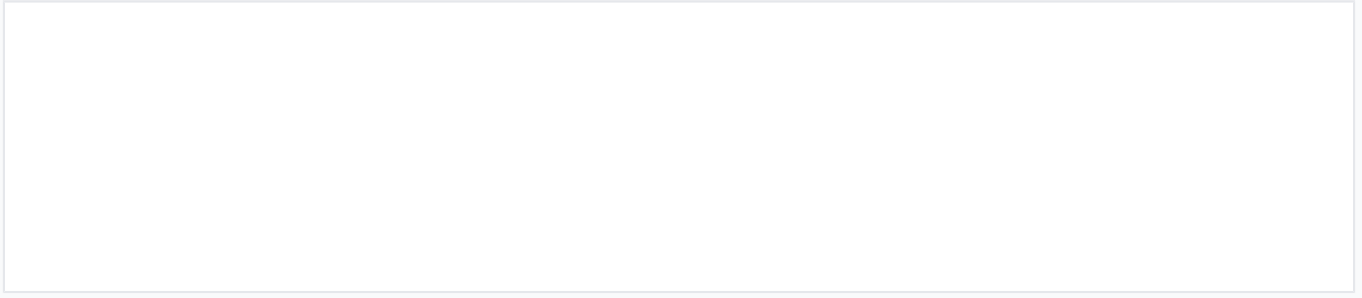


Versatile testing for melt-blown, non-woven, and various mask shapes (Flat, 3D, Cup).

Compatible Materials

- Melt-blown fabric
- Non-woven fabric
- Composite cloth
- Flat face masks
- 3D face masks
- Cup-shaped face masks

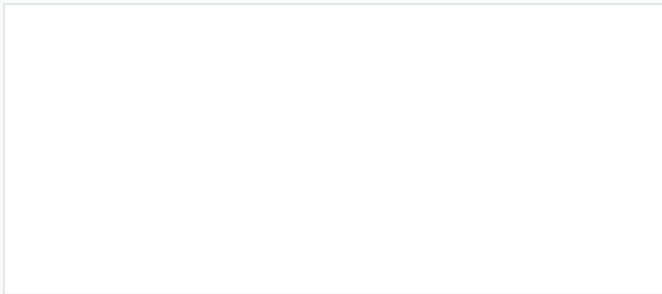
Physical Characteristics



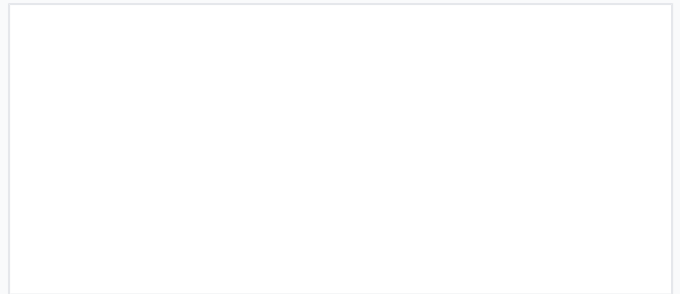
Compact footprint (330x440x650mm) suitable for desktop or production line integration.

Machine Dimensions	330mm x 440mm x 650mm
Net Weight	18 kg
Construction Material	Stainless Steel

System Components



Rear interface including pneumatic pipe inserts, power plugs, and vacuum pump connections.

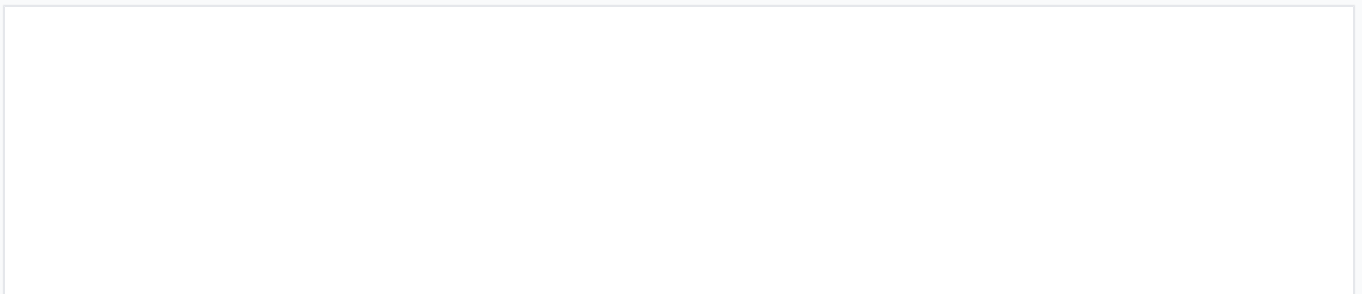


Complete accessories kit including holders, air pipes, and pressure gauges.

System Components

- Adjustable flow rate supply valve
- Breathing resistance testing system
- High resolution touch screen
- Thermal printer
- External vacuum pump (vibration reduction)
- Data reservoir

Logistics



Securely packaged in foam and carton boxes for safe international transit.

Shipping Features

Fast Shipping • High Quality • Portable Design