

GBN701 Face Mask Air Flow Resistance and Differential Pressure Tester



Application

Used for face mask air flow resistance and differential pressure testing to check breathability and can also be used to check differential pressure of textile materials gas exchanger.

principle

The output of the air flow is set by a gas flow meter, the air flow passes through a certain area of the test sample, the current pressure is detected by a pressure sensor, and the pressure difference is calculated.

Standards

YY0469-2011, YY0969-2013, ASTM F2100, EN 14683, EN 149

Features

- Equipped with special sample grip, easy to use.
- Built-in HD touch screen.

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- Built-in micro printer, easy to print test results.
- Equipped with high-precision differential pressure sensor, digitally display the pressure difference between the two sides of the sample;
- Equipped with high-precision gas flow control, real-time digital display of air flow to stably control air flow, manually setting available.
- Test time can be adjusted according to test requirements

Specifications

Specification	Technical Parameters
Air source	Air compressor
Air flowmeter	Adjustable: 1 - 10 L/min. with accuracy of 0.1 L /min.
Sample size	25 mm Diameter
Manometer Range	0 – 500 Pa
Test area	25 mm diameter
Sealing type	O-shaped ring seal
Power	AC 220 V 50 Hz 1 kW

Note: GBPI is always committed to product innovation and improved performance, so accordingly product technical specifications are subject to change without notice. GBPI reserves the right to amend and the final power of interpretation.