

BR-800 Medical Mask Breathing Resistance and Differential Pressure Tester

Product introduction

The respiratory resistance tester is suitable for measuring the inspiratory resistance and expiratory resistance of respirator and respirator protective devices under the specified conditions, and is used for the relevant inspection and inspection of the general respirator products by the manufacturers of the national labor protection agency. The instrument is composed of air source which can adjust the flow, human head model regulated by the standard, two sets of pipeline systems of inspiratory and expiratory, respiratory resistance measurement system, etc. It conforms to YY 0469-2011 medical surgical mask and YY 0969-2013 disposable medical mask.



Working principle

Set the output of the air flow through the gas flowmeter, make the air flow pass through a certain area of test sample, detect the current pressure through the pressure sensor and calculate the pressure difference.

Technical features

1. with special sample clip, it is simple and convenient to use.
2. 7-inch HD touch screen.
3. Built in mini printer to print experimental results easily.
4. Equipped with a high-precision differential pressure sensor, digital display of the pressure difference between two samples.
5. Equipped with high-precision gas flow control, flow real-time digital display, stable control of air flow and manual settings.
6. The product complies with the three-level authority of GMP users.
7. It can be used for single and group statistical analysis of test results.
8. With ISP online control and upgrade function, the test function can be changed remotely as required.
9. The special computer communication software can carry out the real-time display of the test, the analysis and processing of the data, and the data storage.



Technical parameter

Air source: suction type;

Air flow: 0~100L / min;

Sealing method: face seal;

Air permeability diameter of sample: Φ 25mm;

Range of differential pressure sensor: 0-500pa;

Display mode: digital display of pressure difference;

Power supply: AC220V, 50Hz.

