GB-KF300 Face Mask Particulate Filtration Efficiency Tester

Application

It is to test the filtering efficiency of particulate protective masks and medical masks and to determine the resistance of ordinary fabrics and medical protective masks to the constant flow of airflow.

Standards

ASTM F2299.

Specifications

Items	Parameters
Test Range	0-99.999%
Test Flow Range	（20-150）L/min

Test Resistance Range	**0-1000pa**
Latex Size Range	**0.1, 0.3μm**
Dust Source	**Aerosol**
Test Area	**100 cm2**
Size	**1220*630*1225mm**
Power	**＜1500W**
Weight	**250kg**
AC	**AC 220V，50Hz**

Features

- Using a cold aerosol generator to produce continuous and stable aerosol particles, convenient for filling the solution.
- Measurement of aerosol concentration using a high-precision PM2.5 sensor.
  Anti-leakage design of whole particles to protect the safety of laboratory personnel.
  2 sets of Aerosol generator：Salty aerosol generator and oily aerosol generator.
- Equipped with aerosol particle neutralization device.
- The pneumatic clamp is equipped with a protection device, which is safe and convenient to use.
- Configure temperature and humidity sensor, real-time display of ambient temperature and humidity（Temperature and humidity requirements：25℃±5℃，30%RH±10%RH）。
  Equipped with glass rotor flowmeter, vacuum pump, laser dust particle counter.
- Control system: The computer controls the test process, automatically collects data, and configures a special computer and test software.
  The computer automatically tests the gas concentration and calculates the filtration efficiency. It can save, output, query and print the test data.

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.