

Guangzhou Biaoji Packaging Equipment Co.,Ltd.

Quotation

Customer :		Date :	2020-03-25
University Polytechnic of Marche		REF NO :	SA-200325PO
Payment Terms :	100% T/T in advance	Contact Person :	Dr. Paolo Chiariotti
Trade Terms:	FOB Guangzhou	Contact Number:	/
Valid Time:	30 days	Country :	Italy

S.No.	Description	QTY	Product Picture	Unit Price (USD)
1	GB-XF1000 Mask Bacterial Filtration Efficiency (BFE) Detector	1		\$48,800.00
2	GBN701 Face Mask Air Flow Resistance and Differential Pressure Tester	1		\$8,200.00

The HS code is :90248000

NOTE:

- 1.Warranty:12 months.Warranty does not cover parts damaged by improper operation or maintenance procedures.Warranty begins one date of receipt of equipment at customer's facility.
- 2.Delivery:12 working days after full payment arrives.
- 3.Package :By wooden case.
- 4.Shipping:By air or by express or by sea
- 5.Validity: 30 days

Thank you for your reading and support.If you have any questions ,Please contact

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GB-XF1000 Mask Bacterial Filtration Efficiency (BFE) Detector



Application

It is used to test the percentage of materials containing bacteria suspended particles at the specified flow rate. The dual gas path simultaneous comparison sampling method is used to improve the accuracy of sampling, which is suitable for the performance testing of bacterial filtration efficiency of medical surgical masks by

metrological inspection departments, scientific research institutes,
medical mask manufacturers and other relevant departments.

Standards

YY0469-2004、YY/T 0969-2013、ASTMF2100、ASTMF2101、EN14683:2019

Specifications:

Key Specification	Specification Range	Resolution	Accuracy
A Route Sampling Flow	28.3L/min	0.1L/min	Within ± 2.5%
B Route Sampling Flow	28.3L/min	0.1L/min	Within ±2.5%
Spray Flow	(8~10)L/min	0.1L/min	Within ±2.5%
Peristaltic Pump Flow	(0.006~3.0)mL/min	0.001ml/min	Within ±2.5%
Front Pressure of A Route Sampling Flowmeter	(-20~0)kPa	0.01kPa	Within ±2.5%
Front Pressure of B Route Sampling Flowmeter	(-20~0)kPa	0.01kPa	Within ±2.5%
Front Pressure of Spray Flowmeter	(0~300)kPa	0.1kPa	Within ±2.5%
Ambient Temperature	(-40~99)°C	0.1°C	Within ±2.5%
Negative Pressure of the Aerosol Chamber	(-90~-120)Pa	0.1Pa	Within ±2.0%
Negative Pressure of the Cabinet	-50~-200pa		
Data Storage Ability	>100000 sets		
Vortex Mixer Test Tube Specification and Quantity	Φ16×150mm test tube, 8pcs		
High Efficiency Particulate Air Filter Properties	Filter Efficiency≥99.99% for particles> 0.3μm		

Median diameter of aerosol generator mass	Average diameter: (3.0±0.3)μm; Geometric Standard Deviation≤1.5
Double Routes 6-lever Andersen Sampling apparatus	Level1>7μm; Level 2: (4.7~7)μm; Level 3: (3.3~4.7)μm; Level 4: (2.1~3.3)μm; Level 5: (1.1~2.1)μm; Level 6: (0.6~1.1)μm
Size of Aerosol Chamber	600×85×3mm (Length×Diameter×Thickness)
Total number of positive quality control sampler particles	(2200±500)cfu
Negative Chamber Flow Speed	≥5m ³ /min
Size of Negative Pressure Chamber Door(W×D)	755×400×990mm
Size of Main Machine(W×D×H)	1200×630×2100mm
Noise of the Tester	<65dB(A)
Weight	150kg
Power Supply	AC220V±10%, 50Hz
Power Consumption	<1500W

Features

1. Negative pressure experiment system to ensure the safety of operators;
2. Negative pressure cabinet with built-in peristaltic pump and A and B two-way six-stage Andersen;
3. The flow rate of the peristaltic pump can be set;
4. Dedicated microbial aerosol generator can set the volume of bacterial liquid spray flow, and the atomization effect is good;

5. Embedded high-speed industrial microcomputer control;
6. 10.4-inch industrial-grade high-brightness color touch display;
7. USB interface, support U disk data transfer;
8. Built-in high-brightness lighting in the cabinet;
9. Built-in leakage protection switch to protect operator safety;
10. Insulation and flame retardant between inner and outer layers;
11. The front switch glass door is convenient for experimenters to observe and operate;
12. Detachable stand, the height of stand is adjustable;
13. Support and move dual-purpose casters.

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.

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, EN14683:2019

Features

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

Item	Technical Parameters
Gas Source	Compressed Air
Air Flow	Adjustable 1 - 10L/min, (Standard Air Flow 8L/min)
Sample Size	Φ25mm
Differential Pressure Sensor Range	0~500Pa
Pressure sensor accuracy	0.5 Level
Display Mode	Touch Screen
Size	48*43*57cm
Weight	30kg
Power Supply	220V, 50Hz

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