SHUOBODA
instruments

Glove Integrity Tester

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1. GIT-20 Online Glove Integrity Tester

Product introduction

The on-line gloves Integrity Tester GIT-20 produced by SHUOBODA Laboratories is designed according to the positive pressure leak detector principle proposed by GB/T 25915.7-2010/ISO 14644-7:2004, and it is a dedicated instrument to detect the gloves leakage. The simple and easy design won't need any additional equipment, no need to remove the gloves, with fast detection speed and high precision.

Features

- The instrument adopts a small amount of frequent air inlet mode, with uniform inlet velocity in gloves, to avoid gloves deformation. According to different test parameters, automatically select and match the test program that best suits the current gloves.
- It is equipped with color touch screen and humanized interface design, according to different test parameters, for automatic selection and matching, which can be most adaptive to the current gloves test procedure, date and time display.
- The authority management and electronic signature design is in line with the 21 CFR part 11 for certification requirements of electronic records and electronic signature.
- It is convenient to move, easy to carry and quick to connect.
- Historical records can be used for print, storage and query.

Application Area

- Pharmaceutical industry
- Medical device industry
- Food and beverage industry
- Environmental protection industry

Technical Parameters

Model	GIT-20 online
Working power supply	AC 220V 50Hz, 120W
Testing duration	2-8min
Pressure range	500-5000Pa
Response value	≤50Pa
Noise	≤50dB(A)
Working mode	Continuous work
External gas source	Compressed air, nitrogen, inert gas
Sealing pressure	≤0.8Mpa
Other function	Audit trail, data export by USB (customization)
Historical record	10000 groups
Print Function	Built-in Printer
Dimensions	400*260*270*250mm
Weight	7.5KG
On-line gloves tray	Can supply one free, if need more customization

2. GIT-20 Offline Glove Integrity Tester

Product introduction

The gloves Integrity Tester GIT-20 produced by SHUOBODA Laboratories is designed according to the positive pressure leak detector principle proposed by GB/T 25915.7-2010/ISO 14644-7:2004, and it is a dedicated instrument to detect the gloves leakage. The simple and easy design won't need any additional equipment, no need to remove the gloves, with fast detection speed and high precision.

Features

- The instrument adopts a small amount of frequent air inlet mode, with uniform inlet velocity in gloves, to avoid gloves deformation. According to different test parameters, it can automatically select and match the test program that is most suitable for the current gloves.
- It is equipped with color touch screen and humanized interface design, according to different test parameters, for automatic selection and matching, which can be most adaptive to the current gloves test procedure, date and time display.
- The authority management and electronic signature design is in line with the 21 CFR part 11 for certification requirements of electronic records and electronic signature;
- It is convenient to move, easy to carry and quick to connect;
- Historical records can be used for print, storage and query;

Application Area

- Pharmaceutical industry
- Medical device industry
- Food and beverage industry
- Environmental protection industry

Technical Parameters

Model	GIT-20 offline

Working power supply	AC 220V 50Hz, 120W
Testing duration	2-8mins
Pressure range	500-5000Pa
Response value	≤50Pa
Noise	≤50dB(A)
Overall dimensions	370*240*250 (height1) *270 (height2)
Weight	7.5KG
Audit trail	Optional
Offline glove tray	One free, more need customization
Audit trail storage	>=5years

3. GIT-30 online Glove Integrity Tester

Product introduction

The on-line gloves Integrity Tester GIT-30 produced by SHUOBODA Laboratories is designed according to the positive pressure leak detector principle proposed by GB/T 25915.7-2010/ISO 14644-7:2004, and it is a dedicated instrument to detect the gloves leakage. The simple and easy design won't need any additional equipment, no need to remove the gloves, with fast detection speed and high precision.

Features

- The instrument adopts a small amount of frequent air inlet mode, with uniform inlet velocity in gloves, to avoid gloves deformation. According to different test parameters, it can automatically select and match the test program that is most suitable for the current gloves.
- It is equipped with color touch screen and humanized interface design, according to different test parameters, for automatic selection and matching, which can be most adaptive to the current gloves test procedure, date and time display.
- The authority management and electronic signature design is in line with the 21 CFR part 11 for certification requirements of electronic records and electronic signature;
- It is convenient to move, easy to carry and quick to connect;
- Historical records can be used for print, storage and query;

Application Area

- Pharmaceutical industry
- Medical device industry
- Food and beverage industry
- Environmental protection industry

Technical Parameters

Model	GIT-30 online
Working power supply	AC 220V 50Hz,　120W within battery
Rated power	2-8min
Pressure range	500-5000Pa
Response value	<50Pa
Noise	<50dB(A)
Working mode	Continuous work
External gas source	Compressed air, nitrogen, inert gas
Sealing pressure	<0.8Mpa
other function	Audit trail, data export by USB (customization)
Historical record	10000 groups
Print Function	Built-in Printer
dimensions	400*260*270*250mm
Weight	10KG
On-line gloves tray	Can supply one free, if need more customization
Battery	Li-ion battery
Pump	oil, water free, can customize-build in pump

3. GIT-50 online Glove Integrity Tester

Product introduction

Glove Integrity Tester GIT-50 is based on GIT-20 30 R&D by SHUOBODA, very mature technology, it is good choice for you.

Features

- The instrument takes small amount of frequent and evenly air inlet, to avoid glove deformation
- Color touch screen, friendly interface ,can test according to different test parameters, can choose and match best proper program to teston;
- Portable easy to carry, fast connection
- History can print ,enquiry and storage;

Application Area

- Pharmaceutical industry
- Medical device industry
- Food and beverage industry
- Environmental protection industry

Technical Parameters

Model	GIT-50
Power	220V, 50/60Hz, 120W
Test length	2-8mins
Pressure	500-5000Pa

Response	≤50Pa
Noise	≤50dB(A)
Work mode	Continue
Gas source	Compressed air, Nitrogen, inert gas
Sealing pressure	≤0.8Mpa
History records	10000 set
Dimension	400(length) *260 (width) *270 (height1) *250 (highte2)
Glove tray(online)	2 free, others customization
Other function	Audit trail (customization), USB export data
Glove tray quantity	Most up to 6

4. GIT-1000 Wireless Glove Integrity Tester

Product introduction

The on-line glove integrity tester GIT-1000 produced by our company is designed according to the principle of the positive pressure leak detector recommended by GB/T 25915.7-2010/ISO 14644-7:2004. It is a special instrument for detecting leakage of gloves. Our company has been engaged in the production and sales of filter integrity testers for many years, and the pressure control technology is very mature.

The device uses a wireless communication mode, built-in air pump and lithium battery, through systematic management, so that multiple detection units can be linked in real time. In addition to complying with the requirements of FDA and GMP and other laws and regulations, four-level authority management and electronic signature design are also set up to comply with 21CFR part 11 electronic records and electronic signature certification requirements; The history record can store more than 12000 groups, and at the same time, it has its own storage FLASH, which can transmit and save the test records in time; the structure design is simple and exquisite, no additional equipment is required, no need to remove gloves, and the glove tray can be replaced, supporting different specifications and sizes of gloves Detection. The high-precision pressure sensor is adopted, and the glove test is fast and accurate.

Features

- Supporting powerful upper computer management software, which can manage multiple detection units at the same time;
- Meet the IP65 protection level, which is convenient for disinfection and cleaning of equipment ;
- There are multiple program settings to meet the testing requirements of gloves of different specifications and materials;
- The pressure detection range can reach 3000Pa, covering all glove detection pressures;
- Automatically monitor the pressure in the inflatable sealing ring and the glove during the test;
- The instrument uses a small amount of frequent air intake, and the air intake speed in the glove is uniform to avoid deformation of the glove;
- Color touch screen, user-friendly interface design, and can automatically select and match

the testing program that best suits the current glove according to different test parameters, and display the date and time.

- Easy to move, easy to carry, fast connection;
- Historical records can be transmitted, stored, and inquired;
- According to customer needs, we can customize pallets of different sizes to achieve multiple pallet operations on one machine;
- Comply with FDA/GMP and other regulations and computer system verification requirements;
- The software complies with 21CFR part11 electronic records and electronic signature certification requirements;

Application Area

- Pharmaceutical industry: sterile inspection and microbial limit inspection of purified water, water for injection, sterile preparations (large infusion, small injection, powder, biological products, blood products, ophthalmic preparations, maintenance solutions, etc.).
- Medical equipment industry: sterility inspection and microbial limit inspection of purified water, water for injection, syringes, infusion sets, blood transfusion sets, intravenous catheters, etc.
- Food and beverage industry.
- Environmental protection industry, etc.

Technical Parameters

Model	GIT-1000
Power supply	DC 12V 20W
Built-in battery	12V lithium battery
Test accuracy	Minimum aperture 300um
Test duration	3-8mins
Pressure range	500-3000Pa
Pressure resolution	0.1Pa
Noise	≤50dB(A)
Sealing pressure	≤200 KPa
History record	12000 set
Glove recognition method	RFID/manual input
Weight	4.6KG
Online glove tray	Can free supply 1 size, if need more customization
Pump	Build in pump
Dimension	130*285*180mm

5. GIT-1200 Wireless Glove Integrity Tester

Product introduction

The on-line glove integrity tester GIT-1200 produced by our company is designed according to the principle of the positive pressure leak detector recommended by GB/T 25915.7-2010/ISO 14644-7:2004. It is a special instrument for detecting leakage of gloves.

Features

• It is connected to the PC wirelessly via WIFI, and the detection data can be transmitted wirelessly; one PC can communicate with more units.

• Supporting powerful upper computer management software, which can manage multiple detection units at the same time;

• Meet the IP65 protection level, which is convenient for disinfection and cleaning of equipment ;

• There are multiple program settings to meet the testing requirements of gloves of different specifications and materials;

• The pressure detection range can reach 3000Pa, covering all glove detection pressures;

• Automatically monitor the pressure in the inflatable sealing ring and the glove during the test;

• The instrument uses a small amount of frequent air intake, and the air intake speed in the glove is uniform to avoid deformation of the glove;

• Color touch screen, user-friendly interface design, and can automatically select and match the testing program that best suits the current glove according to different test parameters, and display the date and time.

- RFID chip technology, automatic identification of glove number, included in the test result;
- Historical records can be transmitted, stored, and inquired;
- According to customer needs, we can customize pallets of different sizes to achieve multiple pallet operations on one machine;
- Comply with FDA/GMP and other regulations and computer system verification requirements;
- The software complies with 21CFR part11 electronic records and electronic signature certification requirements;
- Built-in special sanitary air pump to inflate gloves/cuffs
- Easy to move, easy to carry, fast connection

Application Area

- Pharmaceutical industry: sterile inspection and microbial limit inspection of purified water, water for injection, sterile preparations (large infusion, small injection, powder, biological products, blood products, ophthalmic preparations, maintenance solutions, etc.).
- Medical equipment industry: sterility inspection and microbial limit inspection of purified water, water for injection, syringes, infusion sets, blood transfusion sets, intravenous catheters, etc.
- Food and beverage industry.
- Environmental protection industry, etc.

Technical Parameters

Model	GIT-1200
Power supply	DC 12V 20W
Built-in battery	12V lithium battery
Test accuracy	Minimum aperture 300um
Test duration	3-8mins
Pressure range	500-3000Pa
Pressure resolution	0.1Pa
Noise	≤50dB(A)
Sealing pressure	≤200 KPa
History record	12000 set
Glove recognition method	RFID/manual input
Weight	4.6KG/unit
Online glove tray	Can free supply 1 size, if need more customization WIFI wireless network (customization)
Communication method	130*285*180mm
Dimension	DC 12V 20W