

WB-012 Condom blasting volume and pressure tester

The condom automatic bursting tester (double chamber) meets the production standard of GB7544-2009. For the convenience of operation, through the manual interface operation, the instrument can not only automatically and accurately detect, automatically display, automatically record the pressure value, volume value and use time in the process of inflation test and the instant of condom explosion, but also provide the function of automatically printing test results.



Professional Technology

- The instrument is mainly used to test the required volume and pressure of condom during the process from inflation test to explosion.
- One button automatic operation.
- The instrument can not only automatically display and record the volume and pressure value of the condom when it explodes, but also automatically analyze the information of unqualified products.
- One computer can control at least two condom blasters at the same time.
- Operators can add or edit test standards independently.

- The instrument can be operated offline, collect data automatically, record the pressure value, volume value and other data when blasting is tested, and provide reports.

Testing Principle

Put the condom on the blowing rod and fix it on the fixing device. Inflation is carried out at $(0.4\sim 0.5) \text{ dm}^3/\text{s}$ or $(24\sim 30) \text{ dm}^3/\text{min}$. The condom is expanded until it is blown up. The screen automatically records the burst pressure and the volume of inflation; if the condom is not leaking, the blasting volume and pressure are measured and recorded. The blasting volume is expressed in cubic decimeters, rounded to 0.5 dm^3 . And the blasting pressure is expressed in kpa, rounded to 0.05 kpa .

Testing Standard

The instrument conforms to many national and international standards: GB7544-2009, ISO4074, ISO23409, ASTM D6342.

Application Areas

Basic	It is applicable to the determination of bursting capacity and bursting pressure volume of various condoms.
Application	It is suitable for the determination of bursting capacity and bursting pressure volume of various rubber gloves and other products.

Technical Parameter

Item	Model	WB-012
Test workstation		Two Station
Air flow test accuracy		$\pm 1\%$
Volume test accuracy		$\pm 1.5\%$
Pressure accuracy		$\leq \pm 3\%$
Pressure range		0~10kpa
Air connection		$\Phi 6\text{mm}$ Polyurethane tube
Size		1200 mm*500mm*1300mm
Power		AC 220V 50Hz
Net weight		40 kg

Product configuration

Standard configuration	Mainframe, micro printer, explosion-proof shield
Optional purchase	Professional software, communication cable, female condom test device
Notes	Gas source user self provided

FAQ

1. Are you a manufacturer or a trading company ?

A: We are a professional manufacturer of test instruments. And we have our own subsidiary company for trading. All the import and export business will be handled by our own trading company.

2. Where is your factory located ? How can I visit there ?

A: Our factory is located in Jinan City, Shandong Province, about 1.5 hours by train from Beijing.

3. How to support me if i don't know how to use it?

A: Free training within the warranty by tel and mail or skype. And we have professional operation manual and operation video. We also can let our technician to customer' s company to provide training and support if customer request.

4. If machines wearing parts need changing, what should we do?

A:We can offer the wearing parts all the time, and offer video to show how to change it.