

# WB-001 Condom blasting volume and pressure tester

WB-001 condom blasting volume and pressure tester is designed and manufactured according to the technical requirements and test methods of GB7544-2009 natural latex rubber condom, mainly applicable to the determination of explosive capacity and burst pressure volume of various condoms, rubber gloves and other products.



Jinan Vileader Instrument CO., LTD.

## Professional Technology

- Compatible with positive pressure design principle, simple operation, stable and reliable performance.
- The range of test is wide and the application scope is wide.
- It is very convenient and efficient to clamp the inflatable shaft.
- Measurement of blasting inflation volume and pressure, adjustable instantaneous inflation flow.
- "One key" operation in the test process, intelligent and high test efficiency.
- Test data high-definition large screen LCD display, automatic statistics of results, support for printing test accessories, flexible test mode, compatibility and diversification.



## Testing Principle

Put the condom on the blowing rod and fix it on the fixing device. Inflation is carried out at  $(0.4\sim0.5) \text{ dm}^3/\text{s}$  or  $(24\sim30) \text{ dm}^3/\text{min}$ . 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  $0.5\text{dm}^3$  And the blasting pressure is expressed in kpa, rounded to  $0.05\text{kpa}$ .

## Testing Standard

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

## Application Areas

Basic Application	It is applicable to the determination of bursting capacity and bursting pressure volume of various condoms.
	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-001
Test workstation		Four Station
Pressure range		0~5.0kpa
Pressure accuracy		0.01kpa
Volume range		0~60dm <sup>3</sup>
Volume accuracy		≤ ±3%
Aeration rate		(24 - 30) dm <sup>3</sup> /min
Length of inflation rod		220mm
Spherical diameter at the top of inflation rod		25mm
Inside diameter of clamping ring		40mm
Air pressure (Gas source user self provided)		0.6MPa~1MPa
Air connection		Φ6mm Polyurethane tube
Size		2000 mm*500mm*1400mm
Power		AC 220V 50Hz
Net weight		80 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.