

## Compression Tester GBN200A



## Introduction

The Compression Tester GBN200A is a precision equipment developed and manufactured by GBPI Research and Development Team based on the requirements of ASTM, GB and other standards and market demand. It is professionally used to test the pressure resistance and burst resistance of various packaging bags. It can set the pressure and measure the deformation; set the deformation and measure the pressure resistance. It is an ideal testing equipment for quality inspection, drug inspection, scientific research, packaging, film, food, medicine, daily chemical and other industries.

## Standard

ASTM D642, ASTM D4169, TAPPI T804, ISO 2872, ISO 12048, JIS Z0212, GB/T 16491, GB 4857.4

## Specification


| Item                   | Technical parameters                     |
|------------------------|--|
| Pressure range         | 0~3000 N                                 |
| Test distance          | 0~185mm (plate height can be customized) |
| Effective working area | 480mm×390mm                              |
| Test speed range       | 0-300mm/min (CVT)                        |
| Dimensions             | 550mm×460mm×860mm                        |
| Weight                 | 120kg                                    |
| Power supply           | AC 220V, 50Hz                            |
| Power                  | 500W                                     |



## Features

- Flexible and diverse interface and control methods, compression test, multi-parameter variable setting of speed, displacement and pressure.
- Computer control for the whole process, online display of test results, automatic data storage, data analysis and comparison functions, curve superposition recording function, connection printing function, arbitrary zoom function;
- Modular design, easy to expand functions;
- The control and measurement unit can choose built-in type (simple appearance, save space) and external type (easy to upgrade, maintain and operate independently from the computer);
- The pressure can be set to seek displacement, and the stroke can be set to seek stress;
- Program compression is available, and compression can be performed at different speeds;
- Pressure holding test can be carried out, which not only maintains a constant pressure for compression, but also sets the holding time;
- Can print compression curve and test report.

## Application

|   |                     |   |
|---|---------------------|---|
|  | Pressure resistance | It is suitable for pressure resistance testing of various packaging bags. |
|   | Burst resistance    | It is suitable for burst strength testing of various packaging bags.      |



## Factory configuration

|                        |  |
|------------------------|--|
| Standard configuration | Host, power cord, communication cable, test software, software USB flash drive, professional tools |
| Optional               | Metrology certificate, computer  |
| Prepared by user       | Three-hole socket, grounding wire, Windows system  |

Note: GBPI has always been committed to the innovation and improvement of product performance and function. For this reason, product technical specifications and appearance will also be changed accordingly. The above situation will not be notified. GBPI reserves the right of modification and final interpretation.





## Service Commitment

- ◆ Free packaging inspection technical support.
- ◆ One-year warranty for instrument, free software upgrade service, and lifetime free technical support.
- ◆ Free to the factory to train the operation of the instrument, qualified people issued graduation certificates, free accommodation and food.
- ◆ Instrument “trade-in” policy and provision of backup instruments in case of failure.
- ◆ There is a testing center (CNAS L8185) to provide incoming sample testing and sample data comparison services.
- ◆ Set up a Reference Standards Development Center to provide calibration services.

## Company Introduction

Guangzhou Biaoji Packaging Equipment Co., Ltd. was established in 2002 and located in Guangzhou Economic Development Zone. It is a company integrating R&D, production and sales of packaging testing instruments, packaging equipment, modified atmosphere preservation equipment and other products, as well as providing third-party testing and standard material proficiency testing. It is committed to providing comprehensive, professional and high-quality products and technical services for packaging, food, medicine, testing and other industries.

Write industry standards with quality, and become the leader and leader in the field of global packaging testing. The 80,000-mile journey is sailing, and GBPI will escort you!



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