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Analysis & Testing Instruments



# GBN200A Compression Tester



## 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


## 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	0-500mm/min (CVT)
Dimensions	550mm×460mm×860mm
Weight	120kg
Power supply	AC 220V, 50Hz

## 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	Power cord, air pipe, radiant straight-through connector (gray)
Optional	Metrology certificate, computer
Prepared by user	Three-hole socket, grounding wire, air source, Windows system

Note: Guangzhou Biaoji 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. The company reserves the right of modification and final interpretation.



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Call +44 (0)1354 699899

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