

HP-200 Torque Tester



Introduction

Torque tester HP-200 is a bottle cap locking and opening torque value testing instrument developed and manufactured by the GBPI Research and Development Team based on ASTM and GB standard requirements and market demand. For bottled packaging products, nozzle packaging products and tube packaging products, the opening torque of the bottle cap is one of the key control process parameters, which has a great impact on the intermediate transportation and final consumption of the product.

It is a dedicated equipment for measuring the locking and opening torque of bottled products, and it is an indispensable test equipment in the production process.

Standard

ASTM D 2063, ASTM D 3198, ASTM D 3474, GB/T 17876, BB/T 0025, BB/T 0034(GB/T 14803)

Specification





Item	Technical Parameters
Test range	0~20 N·m
Test accuracy	0.5 grade
Resolution	0.001 N·m
Clamping range	Φ5~230mm
Statistics	10 groups
Power supply	AC220V 50Hz
Dimensions	317mm*395mm*208mm
Net weight	About 5 KG



Features

- ◆ High-definition LCD screen display, the torque value is the torque number, which is easy and accurate to read.
- ◆ It has data tracking and holding functions.
- ◆ Three sets of torque unit switching functions: Lbf · in (pound force · inch), Kgf · cm (kg · cm), N · m (Newton · meter).
- ◆ The tester can be used to measure the torque in the clockwise direction and the counterclockwise direction, which can be used as the torque of the tightened part and the loosened part.

Application

	bottled container	It is suitable for the torque value test of bottle cap locking and opening of bottled packaged food and medicine (threaded connection), such as beverage bottles, medicine bottles, etc.
	Vacuum bottles and mugs	It is suitable for the torque value test of the locking and opening of the bottle caps of thermos bottles and thermos cups (threaded connection).
	Spout pouches	It is suitable for the torque value test of bottle cap locking and opening for nozzle packaging products.
	Soft tube products	It is suitable for the torque value test of bottle cap locking and opening for tube packaging products.



Factory configuration

Standard configuration	Host, fixture, buffer force accessories
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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!



Address: No. 1, Minghua 3rd Street, Jinxiu Road,
Guangzhou Economic and Technological Development Zone
Tel: 020-8615 3789, 8615 3790
After-sales hotline: 4007886855
Website: <https://www.gbpitester.com/>
Email: info@gbtest.cn



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