

NJY-H5 Automatic Bottle Cap Torque Tester

The NJY-H5 Automatic Torque Tester is the automatic torque tester with manipulator, which is one professional testing instrument that can be used to measure the application torque and removal torque of the caps of bottles, spout bags and flexible tube packages. The NJY-H5, featuring great stability and high precision, is an indispensable testing instrument in manufacturing process. The application torque and removal torque of caps or closures of bottles, spout bags and flexible tube packages are important online and offline production parameters for the manufacturers, they may influence the transportation and consumption of the products.



Professional technology

- Embedded operation interface.
- 7-inch touch screen control, full display dynamic effect picture.
- Double mode design of locking force and opening force, automatic test of cap bidirectional torque value.
- The torque value can be set for tightening or loosening, and the bottle cap can be opened and locked automatically.
- The professional software can store numerous test data, output and print functions, and show the test results to users clearly and intuitively.
- The standard USB interface of automatic capping dynamometer is convenient to connect to computer.
- It has three levels of authority management and traceability query test.

Rich application

Basic application	
Bottled container	It is suitable for testing the torque value of bottle cap locking and opening of bottled food and medicine (threaded connection). Such as beverage bottles, medicine bottles, etc
Hose packaging products	It is suitable for testing the locking and opening torque value of bottle caps of food, medicine and cosmetics, such as eye drops, hand cream, shoe polish (threaded connection), etc

Test standard

The instrument meets many national and international standards : GB/T 17876, ASTM D2063, ASTM D3198, ASTM D3474, BB/T 0025, BB/T 0034, YBB00392003-2015.

Technical index

Item	Parameter
Specification	5Nm (standard configuration)
	20Nm, 40Nm (optional)
Accuracy	0.5 grade
Resolution	0.001Nm
Twisting speed	10r/min (adjustable)
Clamp force	Adjustable according to the sample
Clamp Range	Φ5 mm~Φ170 mm (diameter)
Clamp Mode	Pneumatic
Bottle Height	Up to 400mm
Data Numbers	1~999
Power supply	AC 220V 50Hz
Size	300 mm(L)× 550 mm(W)× 650 mm(H)
Weight	50 kg

Product configuration

Standard	Host, Micro Printer
Optional	Professional Software and communication cable