

NJY-20 Digital Torque Tester

Digital torque tester is applicable in the test of open and lock forces of bottle caps. The open and lock forces of bottle caps are important online or offline technical parameters of production, and will influence the transportation and consumption of the products

1. Characteristics

- .Micro-computer controls, LCD displays
- .Gather data continually, keeps peak value auto
- .Two modes for lock and open force
- .Standard unit, dispense with manual conversion
- .Settable test times, functions of delete and statistic
- .Auto zero, prompts malfunction, overload is protected
- .Parameter kept while power off, print out report
- .Standard RS232 software
- .Easy to operate, reliable performance

2. Unit construction principle

Place and clamp the specimen with the clamp of the torque tester, this clamp connects with a high accurate torque sensor. Users wring the cap of the bottle, sensor transmits it into electrical signal, single chip gathers signal, and process the data.

3. Operation

Power on -- set test times and mode -- clamp specimen -- start test -- wring -- prompt the finish of test by buzzer -- display peak value of single test, until it is up to the test times -- display the average value of this batch of test, print out report -- test over.

4. Technical index

- Specification: 20Nm (normal) 40Nm (optional)
- Accuracy: 1 degree
- Resolution: 0.001 Nm
- Range of clamp: $\phi 5$ -- $\phi 170$ mm (diameter)
- Quantity of statistic: 1~9 pieces (heaps of times by professional software)
- Shape size: 350(L) mm x 240(B) mm x 140(H) mm
- Power: AC 220V 50Hz
- Net weight: 19kg

5. Standard

ASTM D 2063, ASTM D 3198, ASTM D 3474

