

BTM-200 Standard Bottle for Torque Verification



BTM-200 Standard Bottle for Torque Verification is designed with the principle of constant magnetic force and can be reset automatically. It is suitable for torque tester calibration, and it can also be used to calibrate all kinds of capping equipment in production line. This instrument is a universal calibration tool, very easy and simple to use.

Advantages

- Integrated design, maintenance-free and easy to operate.
- Lightweight design, exquisite modeling, ergonomic, comfortable to use.
- Wide measuring range, suitable for testing samples of different sizes in various projects.

Technical Data:

- Test range: several standard torque values available
- Accuracy: $\pm 0.15\%$ of full scale
- Dimension:
 - Bottle Diameter: 75mm;
 - Bottle Height: 175mm
- Weight: 1.5KG
- Environmental requirement:
 - Indoor temperature: $-10\sim 50^{\circ}\text{C}$
 - Relative air humidity: standard 90% @ 32°C

Description:

The **PEPT-500** is an upgraded version of the PEPT-100, which adopts the automatic rotation chuck for one circle measurement, without manual rotation, adding the measurement circle beat mode, and the screen displays the real-time value, maximum and minimum value of the sample for one circle measurement.

The clamping system adopts the Three-Twist design, clamping in the middle of the bottle, overcoming measurement errors caused by sample deformation or bottom clamping design of other measuring instruments.

It is also equipped with a calibration column to ensure accurate measurement.

Technical data:

- Sample range:
 - Diameter: 25 – 110 mm Ø
 - PET bottle height: up to 370 mm
- Resolution: ± 0.1 mm
- Measurement range: 0 – 10 mm
- Weight: 30 kg