



Operating Environment

Temperature Range: 41°F to 104°F
5°C to 40°C

Humidity Range: Up to 90% (non-condensing)

Physical Characteristics

Dimensions: 23¼ x 19½ x 32 in
60 x 50 x 81 cm

Weight: 90 lbs
41 kg

Measurement Specifications

Torque Ranges (FS): 5.0 lb-in to 200 lb-in
0.5 Nm to 22.5

Nm Accuracy: ±0.5% full scale

Resolution: 0.1%

Power Requirements

Input Power: 120 VAC 60 Hz
220 VAC 50 Hz

Drive Specifications

Speed Range: 1 to 4 rpm

Direction: Bi-directional

Vibrac
PRECISION TEST SYSTEMS

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Vibrac

The World's Most Trusted Name in Precision Test Systems

Cap Inspector

Torque Testing of Bottle Caps
and Threaded Closures

Model 2000 Series Conversion Kit

Keypad to
Smart Screen



Introducing the Cap Inspector Conversion Kit

As the industry leader in the precision motion test equipment market, Vibrac continues to develop advanced technological solutions to industrial testing problems.

Over 50 years of experience in the field of torque measurement is reflected in every Vibrac product and system.

The new Cap Inspector Conversion Kit is for bottling facilities that have an existing Vibrac system with an alphanumeric keypad. This easy-to-install conversion kit includes a new enclosure with a Windows® 7 smart screen control panel. Both an RS232 and USB port are provided for interfacing with peripheral devices.

This is a cost-effective way to upgrade your existing system to the newest control and data management technology without having to spend the money to buy a new system, and without having to re-validate your current testing procedure.



Programmable Tests for All Types of Caps

Removal Torque – A non-destructive test, this is used to determine the peak removal torque of a cap. The removal torque is measured and displayed, and then the cap is reapplied to a specific value.

Incremental Torque - This test is used to measure the removal torque of a cap and then re-apply the cap to a specified position beyond the original starting point. This test is designed to be a non-destructive test, and prevent leaking problems by reapplying the cap to a more secure position.

Bridge Torque - This test determines the rotational force needed to remove a cap and break the bridges that join the cap to the tamper-evident band on plastic and aluminum caps.

Reverse Ratchet Torque - This test measures the torque required to rotate a child-resistant type cap without engaging the child-resistant mechanism (i.e., no vertical down force).

ROPP – This procedure is for testing Roll-On Pilfer Proof type caps. This test method measures the torque required to break the tamper-evident band bridges, and strip threads on ROPP caps.

Strip Test - This test is designed to measure the torque required to strip the threads of any cap.

User-Friendly Testing



Select Test Profile

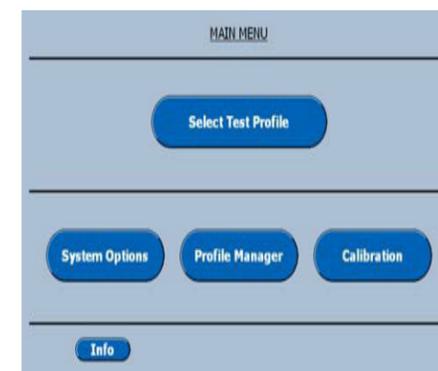


Press Open

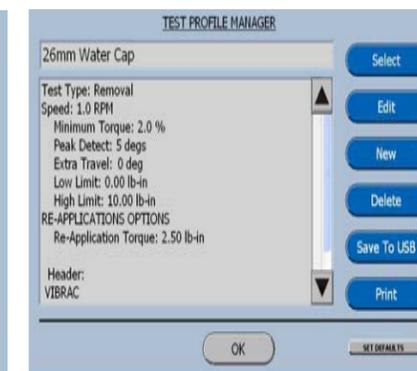


View Results

Creating a Test Profile



Select Profile Manager

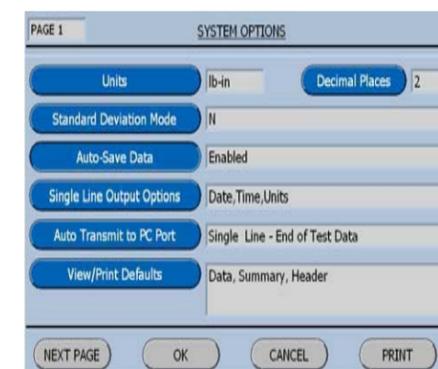


Select New

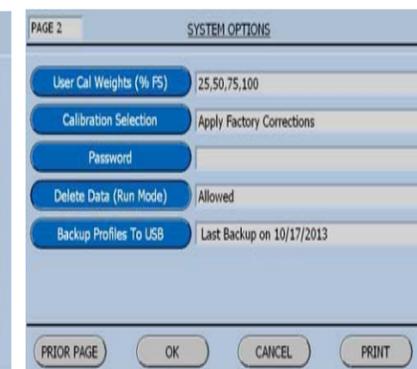


Select Desired Test Type

System Options and Calibration



System Options 1



System Options 2



Calibration