

TCM (Bottle & Cap) Torque Analyzer Operation Instructions

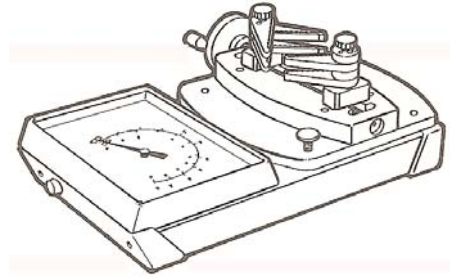
Rev 2.0 (5/11/2011)

TCM Torque Analyzer

Perfect for testing and measuring the tightness of screw-on caps for items like bottles, jars and cans.

Check that the correct torque has been applied to caps to ensure quality product:

- Minimal leakage & deterioration
- Safe storage and transportation
- Correctly sealed yet easy to open.



Mounting TCM Torque Analyzer

The TCM Torque Analyzer needs to be mounted securely on a level surface before operating (see image 1 & 2). Immobilizing the torque tester is critical for the safety of the operator as well as for the accuracy of torque measurements during operation. A loose torque tester during utilization can impact the validity of torque readings.

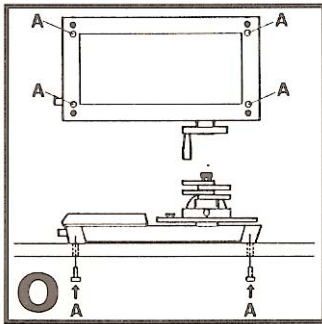


Image 1

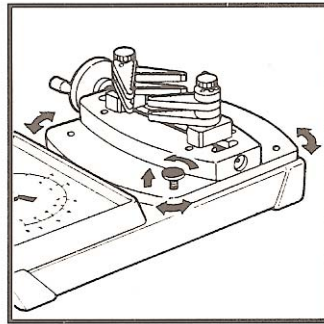


Image 2

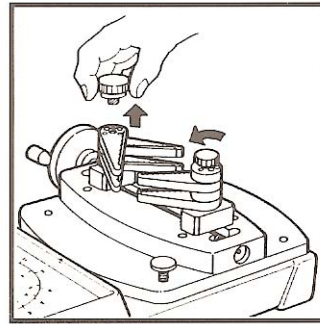


Image 3

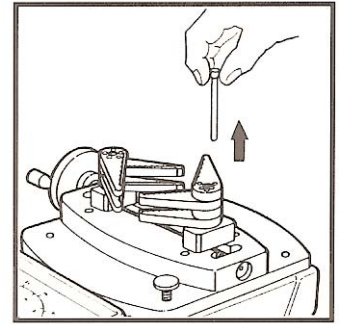


Image 4

Clamping Jaws

The versatile clamping jaws securely holds a multitude of shapes and sizes within its changeable grips. It contains a maximum grip capacity of 5.3" (135 mm) round or square. Loosen and remove the knobs (image 3) and remove the pin (image 4). Adjust the clamp position to fit your application (image 5). After selecting the clamp position, place the pin back in and the knobs. Then tighten knobs.

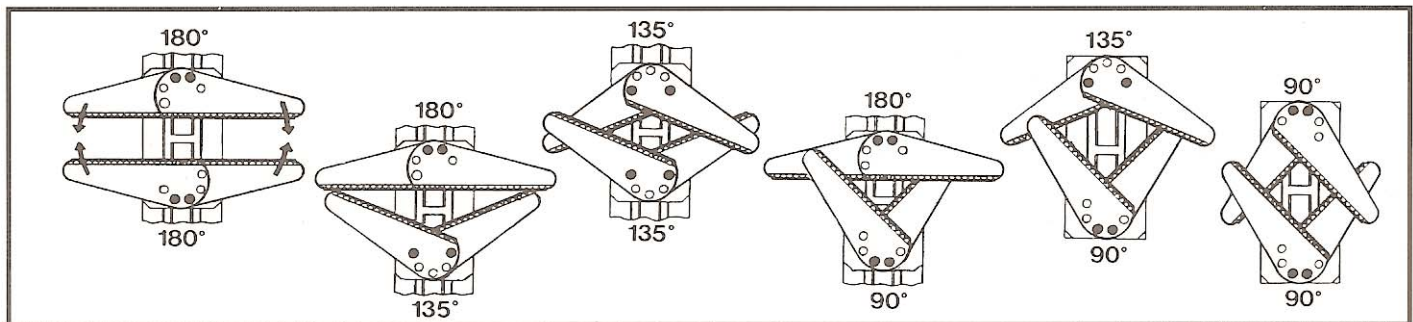


Image 5

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Clamping Jaws

Simply place the item into the jaws and use the wheel to manually tighten the jaws around the object (image 6). Be sure to clamp it snug, but don't over clamp it. Then push the red reset button on the front of the unit (image 7). Then twist lid and read the torque measured on the dial indicator (image 8). Note the torque reading. Push the reset button each time and test again as many times as required by your standard (image 9).

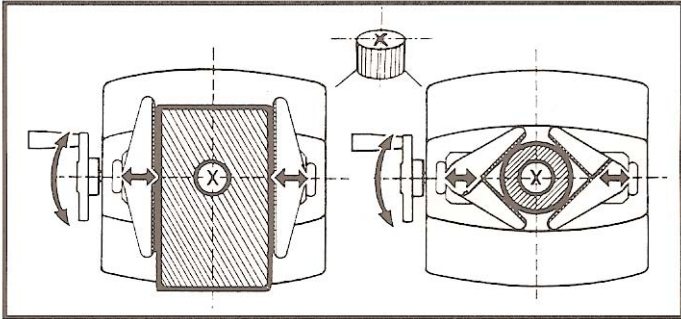


Image 6

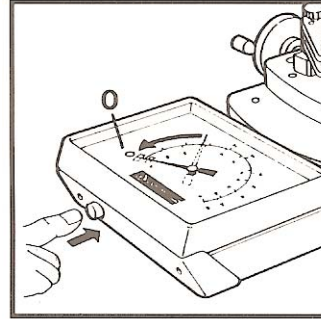


Image 7

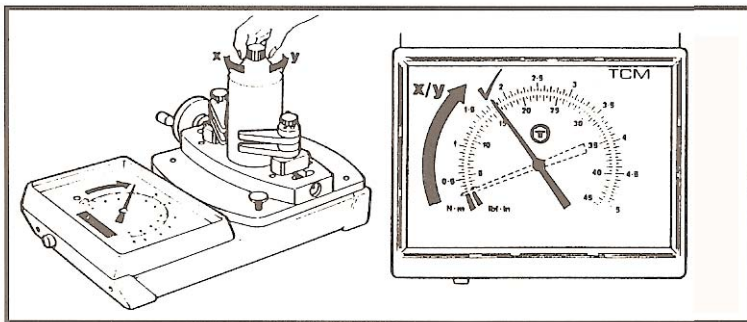


Image 8

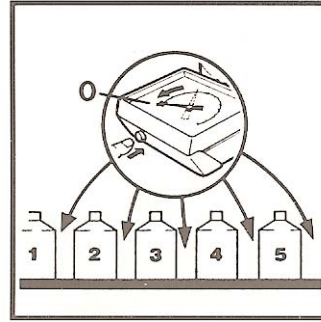


Image 9

Mountz Calibration & Repair Services

Mountz Inc. features an experienced calibration and repair staff. Our trained technicians can calibrate and repair most any tool. Mountz provides rapid service with quality that you can trust as we offer three state-of-the-art calibration lab and repair facilities that can calibrate up to 20,000 lbf.ft.

With over 45 years of experience, Mountz's in-depth knowledge of torque is reflected in our tool's craftsmanship and our ability to provide solutions to both common and uncommon torque applications. We perform calibrations in accordance with ANSI/NCSL-Z540. Mountz is dedicated solely to the manufacturing, marketing and servicing of high quality torque tools. Mountz is an ISO 9001 certified and ISO 17025 accredited company.

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