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**TECHNICAL DATA SHEET • TORQUE MEASUREMENT & QUALITY CONTROL**




Model: CAP-QC Series

# AWS CAP-QC Vial Cap Torque Tester

**Small Cap / Vial Torque Tester | Capacities up to 200 Oz-in | Made in the USA**

The **AWS CAP-QC Small Cap & Vial Torque Tester** is specifically designed for measuring open and closure torque on small diameter bottles and vials commonly used in pharmaceuticals, cosmetics, and food packaging.

Constructed with a lightweight, sturdy machined billet aluminum housing, it provides precise bidirectional capability (CW and CCW). This versatile tester accommodates a wide variety of container types ranging from 0.2" up to 3.5" (5.1 – 89.0 mm) in diameter.

## TECHNICAL SPECIFICATIONS & DETAILS

| | |
|---|---|
| **Manufacturer:** Advanced Witness Series (AWS) | **Model Series:** CAP-QC |
| **Calibrated Range:** 10-100% Full Scale, Bi-directional | **Accuracy:** ±1% of indicated reading (within range) |
| **Resolution:** 4 Active Digits | **Overload Protection:** 200% Full Scale Bi-directional |
| **Power Supply:** Internal NiMH Battery (8-10 hrs) & AC Adapter | **Weight:** 3 lbs (1.36 kg) |

## KEY FEATURES & CAPABILITIES

The CAP-QC system comes fully equipped with a NIST-traceable calibration certificate and advanced data handling capabilities. Continue to Page 2 for complete model capacities and ordering options.

- **Advanced Digital Interface:** Features an easy-to-read digital display with 8 selectable engineering units (Oz.in, Lb.in, Lb.ft, Nm, cNm, KgfCm, gfCm, Kgfm) and multiple operating modes (Track, Peak, and 1st Peak).
- **Versatile Container Compatibility:** Adjustable gripping pegs securely hold a wide variety of container shapes and sizes without damaging the sample.
- **Data Traceability:** Built-in memory stores up to 999 readings, with an RS-232 digital output for seamless integration with data collection software or spreadsheets.

## MODEL CAPACITIES & ORDERING INFORMATION

### COMPLETE MODEL CAPACITIES & FORCE RANGES

| Model Number | Primary Capacity | Equivalent Ranges |
|---|---|---|
| **CAP-QC-50z** | 50 Oz-in | 3.12 in-lb \| 35 N-cm |
| **CAP-QC-100z** | 100 Oz-in | 6.25 in-lb \| 70 N-cm |
| **CAP-QC-200z** | 200 Oz-in | 12.50 in-lb \| 140 N-cm |
| **CAP-QC-25i** | 25 in-lb | 282 N-cm \| 2.82 Nm |

### ORDERING & PRODUCT OPTIONS / ACCESSORIES

| Part Number | Description |
|---|---|
| **TT-QC-MK** | Mounting kit for TT-QC, includes two 5.5" bolts (3/8" Dia.), 2 Wing Nuts and washers for table mounting (1.1" - 2.25" thick). |
| **TT-QC-CC** | Waterproof Carrying Case designed specifically for TT-QC/CAP-QC testers. |
| **TTS-SOFT** | Torque To Spreadsheet Basic Data Transfer Software, includes Mini Plug to USB Cable. |
| **SMD-SC** | Torque Tester Software for advanced Data Analysis and Collection, includes Mini Plug to USB Cable. |
| **ISO-17025-CT** | ISO-17025 Calibration & Certification for Cap Torque Tester. |




**Ready to Order or Request a Quote?**
Contact ABQ Industrial sales engineers for pricing, calibration certificates, and delivery options.

**Email:** info@abqindustrial.net
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