

NEW!



CapStar - Cap Closure Torque Tester

The new CapStar cap closure torque tester is a simple and easy-to-operate digital torque tester, specifically designed for applications within the pharmaceutical, food & beverage industries, and many more.

By measuring torque, the CapStar can ensure the correct level of tension is in place on a wide range of caps and closures such as on medicinal or cosmetics containers, drinks bottles or food jars etc. With the CapStar's clear display and easy-to-view torque results, operators are able to guarantee production quality whilst ensuring contents - which could be potentially harmful - remain sealed and secured.

The CapStar helps to ensure the safety of products, prevent leaks and reduce the ergonomic issues associated with these products without compromising on safety, quality or freshness.

- Accurate digital measurement of bottle cap/closure release torque (sigma, mean and range)
- Memory for 999 date- and time-stamped readings for complete traceability
- Easy download of all measurement readings to a PC
- Built-in transducer and adjustable clamp fixture available in **2Nm**, **4Nm** and **6Nm** sizes
- Strong, durable and robust; perfect for production, quality and testing environments
- 3-colour LED indication of torque measurement status
- Drip-proof and can either be fixed permanently or used as a portable device



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Technical Specification:


Accuracy:	± 0.25% of rated maximum transducer capacity
Overload Capacity:	125% of stated maximum transducer capacity
Operating Temp. Range:	-20°C to +50°C
Zero Stability:	± 0.01% per degree Celsius
Sealing:	IP45
Humidity:	10% to 75% non-condensing
Frequency Response:	User selectable in 13 steps from 75Hz to 4608Hz
Calibration:	Issued with a 12 month calibration certificate traceable to national & international standards 12 months typical recalibration interval
Warranty:	12 months parts and labour warranty
Servicing:	Full repair and calibration facility to UKAS & International standards
Power:	Two type 'C' cell non-rechargeable batteries (supplied as standard)
Construction:	High strength injection moulding. Steel base with mounting bars
Input/Output:	Micro USB (2.0) for power and data export 5V DC power port for use with mains power DC adapter
Torque Measurement:	Display up to 5 significant figures. Sample every 20 microseconds





Function Keys

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Measurement Modes
Switch between various measurement modes.
- 

Delete
Clear/Remove selected results and data.
- 

View / Readings
Quick view of the current readings.
- 

Statistics
View simple statistics for collected data.
- 

Settings
View and edit the CapStar settings.

Product Code	Range
RSCS2-0002-CRXXXX	2Nm (17.7IN/LB) CapStar
RSCS2-0004-CRXXXX	4Nm (35IN/LB) CapStar
RSCS2-0006-CRXXXX	6Nm (53IN/LB) CapStar
BT-479-1-0	Set of 4 Long Pegs - CapStar
RSXXA-0000-CRPXXX	5V DC Power Adapter

OLED Screen

The clear and sharp OLED screen display on the CapStar enables easy-to-view data and statistics.



Adjustable Component Fixture

Clamp bottles or containers using the adjustable component fixture and pegs. Select a desired torque measurement mode, then tighten or release the cap/closure as required to obtain readings.



For more information about the new CapStar closure torque tester or for a quotation, call us on **+44 (0) 1455 25 14 88** or alternatively, email us at sales@crane-electronics.com.

Crane, the force in torque management

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