

Torque Tester – CapStar



Fig.: CapStar (2018)



Digital Bottle Cap Tester

The 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.

For optimal power management, the CapStar cap torque tester automatically switches to the highest voltage power source to save on battery life, yet still giving the option to pick it up and unplug to seamlessly run on battery power.

The CapStar is supplied with an adjustable component fixture for measuring bottles and containers, and is available in 2 Nm, 4 Nm and 6 Nm ranges.

- ▶ Accurate digital measurement of bottle cap/closure release torque (sigma, mean and range).
- ▶ Accuracy $\pm 0.25\%$ FSD.
- ▶ Automatic detection of the direction of rotation (right/left).
- ▶ Strong, durable and robust – perfect for production, quality and testing environments.
- ▶ Built-in transducer and adjustable clamp fixture available in 2 Nm, 4 Nm and 6 Nm sizes.
- ▶ Memory for 999 date- and time-stamped readings for complete traceability.
- ▶ Easy download of all measurement readings to a PC via Micro-USB port.
- ▶ Energy-saving and clear to read **OLED** display.
- ▶ 3-colour LED indication of torque measurement status.
- ▶ Drip-proof (IP45).
- ▶ Automatically switches to highest voltage power source (mains/USB/batteries).

Delivery incl. object clamping device, 2 Alkaline batteries Type C („Baby“), operating instructions (English) and traceable factory calibration certificate (UKAS).

INFO

CapStar

Model	Item Code	Part No.	Torque Range				Weight kg
			ozf-in	lbf-in	cN-m	N-m	
2 Nm CapStar	RSCS2-0002-CRXXXX	C718361	28 - 283	1.8 - 18	20 - 200	0.2 - 2	3.0
4 Nm CapStar	RSCS2-0004-CRXXXX	C718351	57 - 566	3.5 - 35	40 - 400	0.4 - 4	3.0
6 Nm CapStar	RSCS2-0006-CRXXXX	C718371	85 - 849	5.3 - 53	60 - 600	0.6 - 6	3.0

Optional Components

Model	Item Code	Part No.	Description
Long Pegs	BT-479-1-0	C718314	Long pegs for clamping large objects
PSU 5 VDC	RSXXA-0000-CRPXXX	C718XXX	Mains adaptor (no charging) 5 VDC

