CapStar II

Digital torque tester

Key Features

- **Drip proof, durable and portable**
- **Accurate digital measurement of bottle top torque (sigma, mean and range)**
- **200 date and time stamped reading memory**
- **Data can be downloaded to PC or printer**
- **Programmable torque threshold for fast and easy testing**

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The force in torque management

CapStar II

Digital torque tester

CapStar II is a simple and easy to operate digital torque tester specifically designed for usage in the pharmaceutical, food and cosmetic industries.

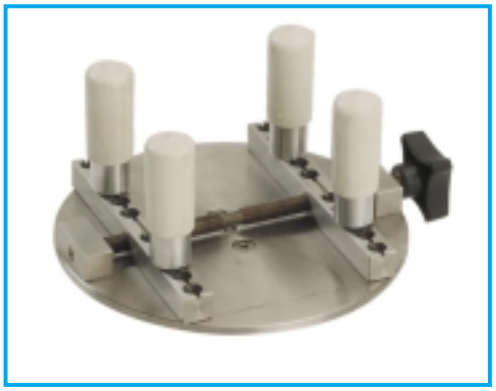
It offers accurate torque information which can be stored in the internal memory. To ensure traceability and to meet new legislation all data can be downloaded to a printer or PC.

The LCD digital read-out clearly displays the peak torque of each test. Preferred units of measurement may be selected from a list of seven options. Statistical analysis of sigma, mean and range is also available when the data is printed out or downloaded to a PC.

Containers and bottles to be tested are placed in an adjustable fixture capable of clamping circular or unusual shapes from 10 mm to 130 mm in diameter. Tall bottles can also be fixed by optional extra long pegs. Child resistant closures, much used in the pharmaceutical industry, can also be tested.

CapStar II automatically detects the rotational direction in which the torque is applied. It can be used to measure both tightening and releasing torque.

CapStar II is housed in a rugged, drip proof ABS housing with wipe-clean, touch sensitive controls. CapStar II is portable, battery powered and can be used with an optional mains battery charging unit. The screen displays a warning when the batteries need replacing or charging. To save power CapStar II switches off automatically if no key is pressed within a specified pre-set period.



System components

- Long pegs for use on tall bottles
  Part No. BT-479-1-0
- Charger with rechargeable batteries
  Part No. BT-479-2-0 (UK)
  Part No. BT-479-3-0 (Europe)
  Part No. BT-479-4-0 (USA)
- Small compatible printer
  Part No. BT-479-6-0-0-0
- Cable for data transfer to PC
  Part No. CBL-757-0-0-0-0
- Printer cable adaptor
  Part No. CBL-758-01CR-0-0

Calibration service

Crane Electronics Ltd operates a calibration laboratory accredited by UKAS, the UK Accreditation Service. All Crane products are issued with a calibration certificate traceable to National and International Standards. It is recommended that torque instrumentation is recalibrated at least every 12 months. Please refer to the separate leaflet for information on Crane's calibration services.

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The force in torque management

Auto detection of measurement direction

Available as 4 Nm version (other versions available on request)

Download data to printer or PC via RS 232

Robust but lightweight

200 date & time stamped reading memory

Laboratory design: Drip proof, moisture resistant, durable and portable

Mains Power, Rechargeable or Standard Alkaline Batteries

LED indicates completed test and standby for new measurement

Clear easy-read display

Track Measurement: Displays applied and changing torque in real time

Easy to use membrane keypad

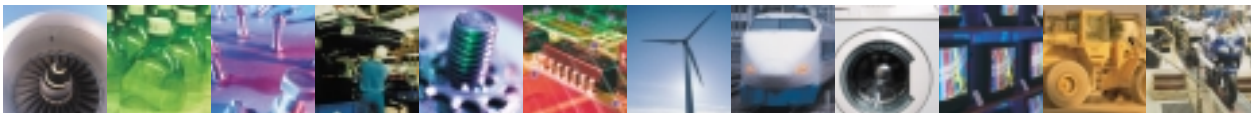
Torque Threshold (Peak): Programmable for fast and easy testing (10% default)

Choice of measurement units (Nm, Ncm, kgm, kgcm, ftlbs, inlbs, ozin)

Switchable auto print

Extra long pegs available for irregular shaped and tall bottles

Adjustable bottle top fixture:
For all shapes of bottles, jars, tubes & containers with 10 – 130 mm diameter



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