

# Torqueleader TCM Closure Meters

A versatile instrument specially designed to accurately measure and check the tightness of screw-on caps on containers such as bottles, jars and cans.

## Ensures quality

Checking that the correct torque has been applied to caps ensures a quality product:

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

## Wide range

Five models covering a torque range of 7 cN.m to 15 N.m (10 ozf.in to 132 lbf.in) with an accuracy of +/- 4% in the preferred range.

## Metric and Imperial

Dual ISO and Imperial scales on all models.

## Bi-directional

Bi-directional clockwise and anti-clockwise measurement.

## Memory system

All TCM models feature a maximum reading memory system to record the maximum torque value achieved.

## Versatile clamp

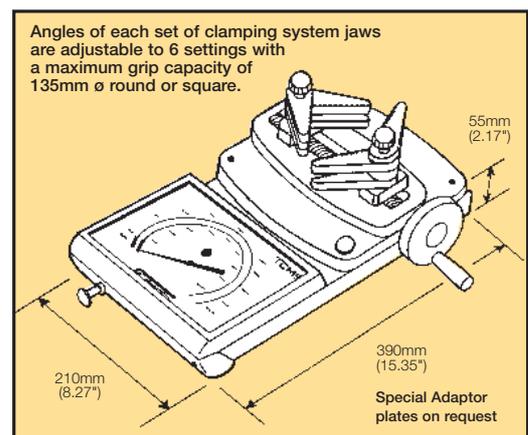
TCM models are fitted with a Versatile Clamping System which securely holds a multitude of container shapes and sizes.



The preferred and certified ranges of these tools is in accordance and exceeds the requirements of ISO 6789:1992. (Accuracy +/- 4% of reading).

## Options

Special customised clamping arrangements can be fitted on special request, as can special customised scales to suit specific requirements.



Model	Ordering Code	Calibrated Range Dual Scale					
		← Range ISO →	Graduation	← Range Imperial →	Graduation	kg	lb
TCM1	019100	7 - 100 cN.m	1 cN.m	10 - 140 ozf.in	2 ozf.in	6.9	15.2
TCM3	019150	0.2 - 3.0 N.m	0.05 N.m	2 - 26 lbf.in	0.5 lbf.in	6.9	15.2
TCM5	019200	0.3 - 5.0 N.m	0.05 N.m	3 - 45 lbf.in	0.5 lbf.in	6.9	15.2
TCM10	019300	0.5 - 10 N.m	0.1 N.m	4 - 90 lbf.in	1.0 lbf.in	6.9	15.2
TCM15	019400	1 - 15 N.m	0.2 N.m	4 - 132 lbf.in	2.0 lbf.in	6.9	15.2