

# Manual Torque Tester

TT-170/A

The TT-170/A is used worldwide for the quick and precise determination of the effective torque required to open or close any kind of threaded lid.

This equipment has an outstanding reliability due to its combined high accuracy and rugged mechanical construction.

## Applicable Standards:

ASTM D3474 · ASTM D3198 · ASTM D2063

Version	Torque Range	Resolution
1.8	1.8 N·m / 15 in·lb	0.06 N·m / 0.6 in·lb
3	3 N·m / 25 in·lb	0.1 N·m / 0.5 in·lb
6	6 N·m / 50 in·lb	0.2 N·m / 1 in·lb
12	12 N·m / 100 in·lb	0.4 N·m / 4 in·lb

## Technical Specifications

- Operates in both directions of rotation.
- Dual scale indication for both N·m and in·lb units.
- Peak holders ensure that the maximal torque is registered.
- Self-centering clamping fixture with high-adhesion grips for samples with diameters from 15 to 180 mm.
- Lightweight construction and a handle gives the user the necessary comfort to carry it anywhere.



## SPECIFICATIONS

**Operation:**  
Manual

**Dimensions (W x L x H):**  
220 x 420 x 150 mm

**Weight:** 5 kg

## OPTIONAL ACCESSORIES

- TT-M - Adapter for small sized samples w/ diameters from 5 to 15 mm
- TT-TO - Handle for "Twist-Off" metallic lids
- KAA - Handle for plastic lids of PET bottles for fizzy drinks, with angular limit references



▲ TT-M



▲ KAA



▲ TT-TO

