

# CanNeed-CMT-400

## Mobility / Lubricity Tester for Cans (Digital)



### 1. Application

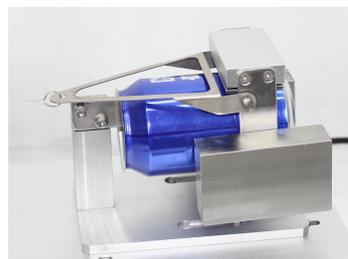
CanNeed-CMT-400 Mobility / Lubricity Tester for Cans is for measuring the coefficient of sliding friction of can body and bottom. It can also measure the coefficient of sliding friction of blanks.

### 2. Measurement process

- 1) Install the corresponding test fixture for samples according to the user manual.
- 2) Place the sample on the clamp, then put the bob-weight unit on the sample.
- 3) Twist the start test switch on the control box.
- 4) The bob-weight will be pulled according to the preset sliding speed and the indicator will display the coefficient of sliding friction.
- 5) Results will be saved and sent through RS232 transmission port automatically.



Test Clamp for Can Bottom



Test Clamp for Can Body



Test Clamp for Blanks

### 3. Performance and features

- 1) Adopt independent electrical and mechanical warehouse design to facilitate inspection and

maintenance.

- 2) The control box is made of 316 stainless steel, with large operation display, large font and metal button operation, strong and durable.
- 3) Automatically capture the minimum, maximum, mean, and real-time values.
- 4) Test fixture can be replaced quickly.
- 5) Measured by stepper motor drive, testing speed is stable and reliable.
- 6) Test fixture is equipped with horizontal observation device to adjust horizon, make measurement more accurate.

#### 4. Technical Parameter

Friction coefficient measurement range	0.0-0.50
Resolution	0.001
Interface	RS-232
Electrical source	230V/50Hz
Size	L560*W250*H330mm

#### Other coating quality inspection instruments:



**CanNeed-MDER-C2**  
Multi-station Digital Enamel Rater for Can



**CanNeed-OCTG-2000**  
Optical Coating Thickness Gauge



**CanNeed-CCAT-100**  
Can Comprehensive Abrasion Tester



**CanNeed-TRK-6000**  
Oven Temperature Tracker