

CanNeed-SFAT-100

Static Friction Angle Tester (Tilt Table)



Applicable to: glass bottles, plastic bottles, aluminum bottles and cans, etc.

Enables accurate measurement of container lubricity and coefficient of static friction

Measuring Process:

Three containers are placed on the table in a pyramidal configuration. After the start button is pushed, an electric motor increases the angle of inclination of the table. The bottom two containers are constrained and do not move during testing. When the tilt angle becomes great enough to overcome the frictional forces between the containers, the top container begins to slide and will contact the trip bar, which stops the drive motor and simultaneously applies a brake to the inclined table. This prevents coasting and inadvertent measurements of erroneously high tilt angles.

Features:

1. Easy to use
2. Counter-balanced trip bar
3. Electronic brake system
4. Single setup for various size containers
5. Push-button reset

The tilt table is easy to use and doesn't require special operational skills from the user. It plays a significant role in guiding the manufacturing process.