| Product name: | Product code: |
| --- | --- |
| Digital Top Load Strength Tester for PET Bottles | CMI-IND-0526 |

## Description

Compression tester that crushes PET bottles vertically between flat platens to record top load strength and deformation. Used by beverage and water bottle makers to confirm stacking and cap-torque performance during storage.

## Technical specification

- Flat compression platens
- Calibration certificate weights set

A bottle is placed upright on the lower plate while the upper platen descends at constant speed until the set load or collapse. Peak load and deflection are displayed and graphed. It is the standard check of bottle wall distribution and weight reduction effects.

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**Features**

- Load cell capacity of 1000 N with auto peak hold
- Adjustable test speed of 10 to 100 mm/min
- Platen gap to suit bottles up to 400 mm tall
- Load versus displacement graph on PC software
- Overload protection and limit switches

**Technical Specifications**

| | |
|---|---|
| Test standards | ASTM D2659, ASTM D642, ISO 12048 principle |
| Load capacity | 1000 N (optional 5 kN) |
| Load accuracy | +/-0.5 percent of reading |
| Test speed | 10 to 100 mm/min |
| Platen size | 250 x 250 mm |
| Max bottle height | 400 mm |
| Display | Digital LCD with PC software |
| Power supply | 230 V AC, 50 Hz |

**Standard Accessories**