| Product name: | Product code: |
| --- | --- |
| Column Crush Tester for HDPE Bottles | CMI-IND-0542 |




## Description

Vertical compression tester that measures the column crush strength of empty or filled HDPE bottles between flat platens. Used by blow moulders and FMCG packers for lotion, detergent and dairy bottle stacking performance.

## Technical specification

| | |
|---|---|
| Platen size | 250 x 250 mm |
| Vertical clearance | 450 mm |
| Display | Digital with PC graph |
| Power supply | 230 V AC, 50 Hz |

**Standard Accessories**

- Compression platens
- Calibration weights

A bottle is placed under the upper platen, which descends at a steady 12.5 mm/min until the peak load or a set deflection. The peak force and deformation are logged for statistical comparison across moulds. Results help in light-weighting HDPE bottles safely.

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**Features**

- Test load up to 2 kN with peak hold
- Test speed of 12.5 mm/min per ASTM D2659
- Large platen gap up to 450 mm
- PC software with load deflection graph
- Overload protection and limit stops

**Technical Specifications**

| | |
|---|---|
| Test standards | ASTM D2659, ASTM D642 (principle) |
| Load capacity | 2000 N |
| Accuracy | +/-0.5 percent of reading |
| Test speed | 12.5 mm/min standard, 5 to 100 selectable |