Product name:	Product code:
Squeeze Force and Recovery Tester for HDPE Bottles	CMI-IND-0550

Description

Compression tester with rounded platen that squeezes sidewalls of HDPE bottles to measure force and recovery. Used by cosmetic, sauce and personal care bottle makers to verify squeeze feel and dispensing.

Technical specification

- Curved platen
- Bottle support block

A curved platen compresses the bottle side to a preset depth while force is recorded, then returns to measure the recovery. The data shows whether the bottle will dispense easily and spring back to shape. It supports comparisons between resin and wall thickness trials.

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Features

- Force range 0 to 200 N with fine resolution
- Rounded platen to represent a hand squeeze
- Programmable depth and cycle count
- Recovery measurement after rest period
- Force-displacement curve on PC

Technical Specifications

Application	Squeeze force and recovery of HDPE bottles
Load capacity	200 N
Resolution	0.01 N
Stroke	200 mm
Speed	10 to 300 mm/min
Cycle count	1 to 9999
Fixture	Curved platen 50 mm radius
Power supply	230 V AC, 50 Hz

Standard Accessories