Product name:	Product code:
Bottle Squeeze and Panel Rigidity Tester	CMI-IND-0272

Description

Compression fixture with load cell that measures squeeze force and panel deflection of blow molded bottles. Used by makers of shampoo, lotion and food squeeze bottles to confirm feel and recovery.

Technical specification

- Platen set
- Software

A bottle is placed between two platens and squeezed to a set deflection while force is recorded. Panel rigidity and recovery are compared between mold cavities and wall weights. Results help balance material saving against consumer feel.

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Features

- Load cell 500 N
- Deflection control to 0.01 mm
- Hold and recovery cycles
- Platens for round and oval bottles
- PC software with force-deflection curve

Technical Specifications

Test Standards	ASTM D2659 adapted
Load Cell	500 N
Accuracy	+/- 0.5 % reading
Deflection Range	0 to 100 mm
Speed	1 to 500 mm/min
Platens	80 mm dia flat
Output	USB to PC
Power	230 V AC, 50 Hz

Standard Accessories