Product name:	Product code:
Drop Impact Tester for Filled PET Bottles	CMI-IND-0527

Description

Drop test machine with release mechanism that drops filled and capped PET bottles from set heights onto a rigid floor. Used by packaged water, juice and edible oil bottlers to check leak and fracture resistance during handling.

Technical specification

- Bottle holding cradle
- Steel impact plate

The filled bottle is held by a pneumatic or mechanical release at heights from 0.3 to 2 m and dropped on its base, side or neck. Failures are noted by leakage or crack. The tester allows controlled orientation for repeated drops.

Features

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- Vacuum or pneumatic plate table for orientation control
- Height adjustable from 0.3 to 2.0 m
- Steel impact base plate 20 mm thick
- Height scale readable to 1 mm
- Safety cage around drop zone

Technical Specifications

Test standards	ASTM D2463, ISO 2248 principle
Drop height	300 to 2000 mm
Height accuracy	+/-5 mm
Max bottle weight	5 kg filled
Impact surface	Steel plate 600 x 600 x 20 mm
Release	Pneumatic or manual lever
Orientation	Base, side, neck
Power supply	230 V AC, 50 Hz

Standard Accessories