Product name:	Product code:
UN Drop Test Machine for Jerry Cans	CMI-IND-0539



Description

Free-fall drop test machine with a motorised lift and positioning release that drops filled jerry cans onto a steel impact base from UN specified heights. Used by packaging and chemical companies for type approval of plastic jerry cans.

Technical specification

Impact surface	Steel plate 1000 x 1000 x 25 mm
Release	Hook with pneumatic trigger
Lift motor	1.5 kW with geared hoist
Power supply	415 V, 3 phase, 50 Hz

Standard Accessories

- Release hook
- Positioning frame
- Impact plate

The can is raised to the height required for its packing group and released with a quick-release mechanism at the chosen orientation. Tests are performed on the base, cap and side at conditioned temperatures. The machine helps pass or fail leakage requirements.

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Features

- Motorised lift with heights to 2.0 m
- Quick release hook with positioning arm for flat, edge, corner drops
- Thick steel impact base set in a levelling frame
- Digital height display with 1 mm resolution
- Safety interlocks and mesh barrier

Technical Specifications

Test standards	UN Recommendations 6.1.5.3, ISO 2248
Drop height	0.3 to 2.0 m
Max load	Filled can up to 70 kg
Height accuracy	+/-10 mm