Product name:	Product code:
Stacking Load Test Rig for Filled Jerry Cans	CMI-IND-0538

Description

Dead-weight stacking rig that applies a calculated compressive load to filled HDPE jerry cans for 24 hours at controlled temperature. Used by jerry can makers and chemical packers for UN type approval and design qualification.

Technical specification

- Loading plate
- Weight set
- Dial gauge kit

Filled and closed cans are placed on a flat base and loaded with weights equal to the stacked height of the transport pile. After the period, the cans are checked for leakage or permanent deformation. The rig is built for repeatable stacking tests on 5 to 60 litre containers.

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Features

- Rigid steel frame with leveled platform
- Loading plate with graduated weight stack
- Adjustable height up to 1000 mm
- Dimensional scale and dial for deformation reading
- Option of temperature enclosure at 40 deg C

Technical Specifications

Test standards	UN Recommendations 6.1.5.6 (stacking test)
Container size	5 to 60 litre
Max load	1000 kg by weight plates
Loading plate	600 x 600 mm steel, ground
Test duration	24 hours (28 days for plastics, as required)
Deformation measurement	Dial gauge 0-50 mm
Frame	Mild steel, epoxy painted
Weights	Cast iron with lifting handles

Standard Accessories