Product name:	Product code:
Hydrostatic Pressure Tester for HDPE Bottles with Burst Mode	CMI-IND-0545

Description

Hydrostatic pressure unit that fills and pressurises HDPE bottles to a set proof level or to burst, reporting leak point pressure. Used by bottle makers for aerosol-free chemical and food containers to test body and neck seal strength.

Technical specification

Standard Accessories

- Neck sealing set
- Water funnel

The bottle neck is sealed by a stopper fixture, filled with water and pressurised at a steady rate. Peak burst pressure and expansion are recorded for each sample. It is a quick QC check on wall thickness and weld seam integrity.

Features

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- Range up to 10 bar with peak hold
- Constant ramp rate control
- Digital pressure indicator with peak hold
- Neck sealing fixtures for 28, 38 and 48 mm
- Acrylic safety guard with interlock

Technical Specifications

Test standards	ASTM D1180 (bursting strength of round plastic containers)
Pressure range	0 to 10 bar
Accuracy	+/-0.5 percent FS
Ramp rate	0.05 to 0.5 bar/s
Bottle volume	100 ml to 5 litre
Pump	Electric piston pump
Safety	Polycarbonate guard with interlock
Power supply	230 V AC, 50 Hz