Product name:	Product code:
Carbonated PET Bottle Burst Pressure Tester	CMI-IND-0522

Description

Hydraulic pressure tester that fills PET bottles with water and raises pressure until burst or yield, recording the peak pressure. Used by carbonated soft drink bottlers to verify bottle pressure resistance and base design.

Technical specification

Standard Accessories

- Neck sealing adapters
- Water filling funnel

The bottle neck is sealed in a clamp fixture and filled with water, then pressurised by a pump at a controlled rate. Pressure at burst and volume expansion are recorded to detect weak spots. The enclosed chamber contains fragments for operator safety.

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Features

- Pressure range up to 25 bar with digital readout
- Constant rate pressurisation 0.1 to 1 bar/s
- Transparent safety shield with interlock
- Neck sealing fixtures for 28 and 38 mm finishes
- Peak hold and PC data logging

Technical Specifications

Test standards	ASTM D1180 (bursting strength of round plastic containers)
Pressure range	0 to 25 bar
Pressure accuracy	+/-0.5 percent FS
Pressurisation rate	0.1 to 1.0 bar/s
Bottle volume	200 ml to 2 litre
Safety	Polycarbonate guard with door interlock
Pump	Electric driven hydraulic pump
Power supply	230 V AC, 50 Hz