Product name:	Product code:
Vacuum Leak Tester for PET Bottles and Closures	CMI-IND-0530

Description

Vacuum chamber leak tester that checks sealed PET bottles under reduced pressure inside water to detect leakage at the neck and cap. Used by packaged beverage and pharma liquid producers to qualify closure integrity.

Technical specification

- Bottle holder basket
- Silicone sealing ring

A filled bottle is submerged in a transparent chamber and vacuum is applied to a preset level. Bubbles coming from the closure indicate a leak path. Fast pass or fail screening is useful for capping line adjustments.

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Features

- Transparent acrylic chamber for visual bubble detection
- Digital vacuum gauge 0 to -90 kPa
- Hold time timer and auto vent
- Oil-free vacuum pump included
- Removable bottle holder basket

Technical Specifications

Test standards	ASTM D4991 (leakage of empty rigid containers by vacuum method)
Vacuum range	0 to -90 kPa
Gauge accuracy	+/-1.0 percent FS
Chamber size	300 mm dia x 400 mm
Timer	0 to 999 s
Pump	Oil free diaphragm pump
Chamber material	Cast acrylic with SS lid
Power supply	230 V AC, 50 Hz

Standard Accessories