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Product name:	Product code:
Pressure Decay Leak Tester for HDPE Bottles	CMI-IND-0549

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Description

Automatic air pressure decay tester with cap-sealing head that detects leaks in empty HDPE bottles by monitoring loss of pressure. Used for in-line sampling and lab QC at bottle makers and fillers.

Technical specification

Standard Accessories

- Sealing heads
- Reference leak

The bottle neck is sealed by a pneumatic head and filled with air at a few kPa, then isolated while a sensor tracks pressure drop over a few seconds. Any decay above the set limit marks the bottle as leaking. It gives fast, objective results without water.

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Features

- Differential pressure sensor with 0.1 Pa resolution
- Pneumatic sealing head for different necks
- Programmable test pressure, fill and dwell times
- Pass/fail output with lights
- Stores master test recipes

Technical Specifications

Test standards	ASTM D4991 principle, ASTM F2095 for pressure decay
Test pressure	1 to 100 kPa
Decay resolution	0.1 Pa
Cycle time	3 to 20 s adjustable
Neck size	20 to 63 mm
Display	Touch screen
Air supply	6 bar
Power supply	230 V AC, 50 Hz