Product name:	Product code:
Laboratory Retort Sterilizer for Retort Pouch Testing	CMI-IND-0143

Description

Overpressure autoclave that processes retort pouches at 121 to 135 deg C with air counterpressure so pouches do not burst. Used to prove pouch survival before commercial retort.

Technical specification

- Pouch racks
- Temperature probe

Pouches are racked in the chamber and heated by steam or spray while compressed air keeps pressure steady against pouch expansion. After cycle, pouches are tested for delamination, seal strength and leakage. The unit is used by pouch converters and ready-meal packers to qualify retortable structures.

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Features

- Overpressure retort cycle with air counterpressure
- Temperature up to 135 deg C
- PID programmable controller with F0 option
- Stainless steel 304 chamber
- Safety interlock door

Technical Specifications

Temperature Range	100 - 135 deg C
Pressure	up to 3.5 bar
Chamber Size	approx. 300 mm dia x 450 mm
Controller	PLC with touch screen
Cooling	Water spray
Standards	Cycle support for ASTM F1140 test pouches, IS 2508
Power Supply	415 V AC, 3 phase, 50 Hz

Standard Accessories