**Product name:**
Laboratory Stretch Blow Moulding Machine for Preform Evaluation

**Product code:**
CMI-IND-0516




## Description

Bench-top stretch blow moulding machine with an infrared heating oven that blows trial bottles from preforms to evaluate processability. Used by preform developers and bottle makers to test new resin grades and preform designs before production.

## Technical specification

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|---|---|
| Blow pressure | Up to 40 bar |
| Pre-blow pressure | 5 to 15 bar |
| Heating | Infrared lamps, 4 zones adjustable |
| Stretch rod stroke | 350 mm |
| Air supply | 40 bar compressed air |
| Power supply | 415 V, 3 phase, 50 Hz, 6 kW |

**Standard Accessories**

- Preform neck holder
- Mould set for 500 ml bottle
- Pressure hose kit

Preforms are heated in an adjustable infrared oven, stretched with a rod and blown into a mould at set pressures. Operators study material distribution, stretch ratio and clarity in the finished sample bottle. The machine lets users tune the process without tying up a production line.

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**Features**

- Infrared heating lamps with zone power control
- Servo or pneumatic stretch rod with adjustable speed
- Pre-blow and high-pressure blow up to 40 bar
- Interchangeable bottle moulds
- Touch screen with recipe storage

**Technical Specifications**

| | |
|---|---|
| Preform size | Neck 28 to 38 mm, up to 100 g |
| Bottle volume | Up to 2 litre |