Product name:	Product code:
Bottle Wall Thickness and Material Distribution Tester	CMI-IND-0521

Description

Non-contact thickness gauge with a magnetic ball probe that scans blown PET bottles for sidewall, shoulder and base thickness. Used by bottle blowers to optimise material distribution and cut resin weight without losing strength.

Technical specification

- Steel ball set
- Calibration foils

A steel ball on the inside of the bottle and a Hall-effect probe outside measure the gap, which equals wall thickness. Readings are taken at various heights to build a thickness profile. The profile guides adjustments to preform design and blowing parameters.

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Features

- Hall effect probe with magnetic ball target
- Measures from 0.05 to 3.0 mm wall
- Multiple point profile storage and print
- Fits bottle neck diameters from 22 mm
- Sub-micron resolution display

Technical Specifications

Measuring range	0.05 to 3.00 mm
Resolution	0.001 mm
Accuracy	+/-0.01 mm
Probe type	Hall effect, 3 mm ball
Bottle neck min	22 mm bore
Memory	1000 readings
Output	USB to PC
Power	Rechargeable battery and 230 V adapter

Standard Accessories