Product name:	Product code:
Ultrasonic Wall Thickness Gauge for PET Preforms	CMI-IND-0520

Description

Handheld ultrasonic thickness gauge with a high-frequency probe for measuring preform sidewall and base thickness without cutting. Used by preform and bottle makers to verify uniform wall distribution and to set injection parameters.

Technical specification

- 10 MHz probe
- Couplant gel bottle
- Calibration step block

A 10 MHz probe sends a pulse through the plastic wall and the gauge computes thickness from the echo time using a PET sound velocity setting. The tool shows readings to 0.01 mm on a backlit screen. It replaces cutting and micrometer measurement of sample preforms.

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Features

- 10 MHz probe for thin plastic walls
- Sound velocity presets for PET, PP and HDPE
- Large backlit display with min/max hold
- Couplant gel based measurement for curved surfaces
- Data memory with USB transfer

Technical Specifications

Measuring range	0.5 to 25 mm
Resolution	0.01 mm
Accuracy	+/-0.05 mm
Probe frequency	10 MHz, 6 mm dia
Velocity range	1000 to 9000 m/s
Memory	500 readings
Display	Backlit LCD
Power	2 x AA batteries or USB

Standard Accessories