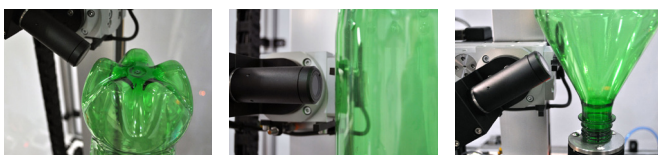
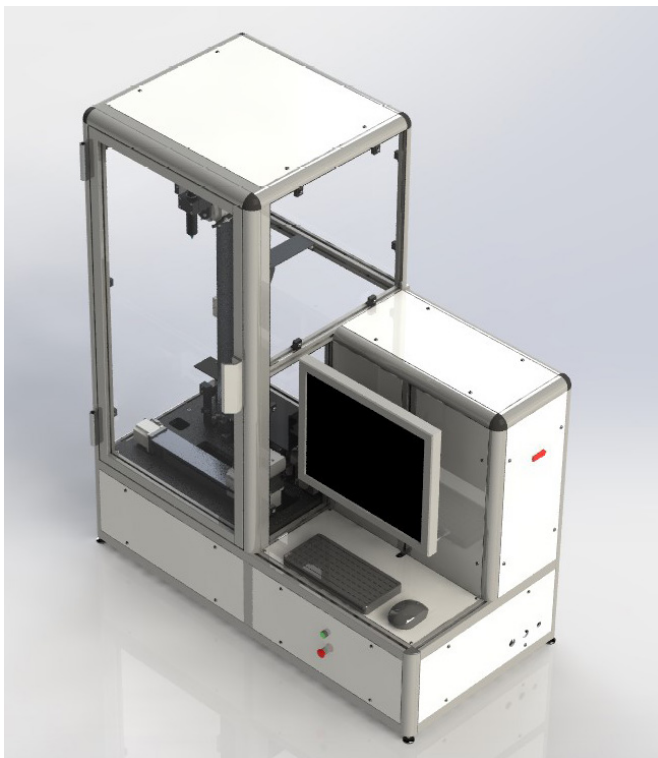


B300 Semi-Automatic Thickness Inspection Gauge



POWER
100-240 Volts / 50-60 Hz

COMPRESSED AIR
5 bar / 72.5 PSI

DIMENSIONS
(W) 1130mm x (H) 1320mm x (D) 600mm

The B300 Semi-Automatic Thickness Inspection Gauge has been developed to provide a traceable measurement solution for material thickness distribution, bottle height and base clearance measurements.

Using state-of-the-art confocal technology for rapid, non-contact, reliable inspection, the system takes advantage of a self-teach bottle profile function.

Interchangeable location tooling provides the capability to measure small vials to large containers within one platform, future production proofing the machine.

Measurement Features:		
Feature		Accuracy
Wall Thickness	Up to 3000 measurements	+/- 0.020 mm
Base Thickness	Up to 3000 measurements	+/- 0.050 mm
Standing Thickness	Petaloid Bottle Stand Point	+/- 0.050 mm
Bottle Height	Individual / Average	+/- 0.100 mm
Bottle Clearance	Individual	+/- 0.100 mm

Technical Specification:	
Material Types	PET, PP, TRITAN, PEF
Component Neck Types	All round necks
Component Shapes	Round, Oval, Square, Non-Symmetrical, Off centre neck
Component Internal Neck Dia.	Ø 8.00 - Ø 70.00 mm
Component Height Range	≤ 460 mm
Component Body Diameter	≤ 200 mm

Reporting options such as standard CSV or Statistical Process Control (SPC).

Certification to UKAS Standards.

Thickness Sensor Options:	
Low-Range Sensor	0.04 mm - 0.70 mm
Mid-Range Sensor	0.12 mm - 2.50 mm (standard)
High-Range Sensor	0.35 mm - 8.00 mm

Benefits to your business

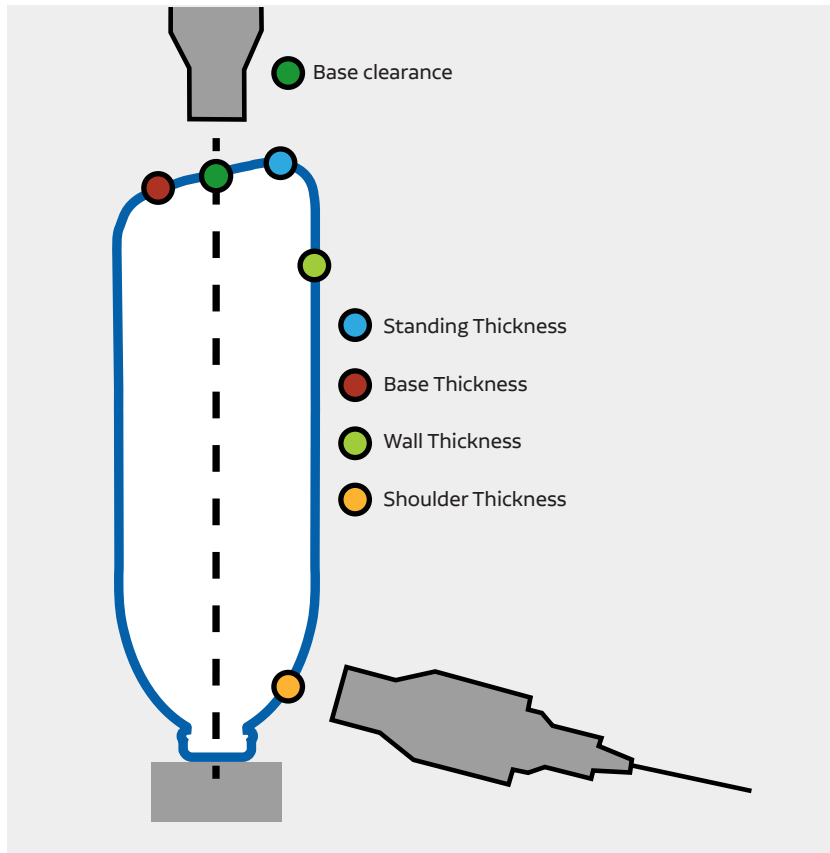
- Self-teach profile scan function
- Automatic body alignment routines
- Base and standing thickness as standard
- Ability to measure small vials to wide mouth, large containers
- Offering an alternative option to industry standard thickness inspection equipment, Magna Mike
- Single side measurement
- Thickness measurement sensor can be configured for 0.04 mm - 8.00 mm measurement range
- Up to 6000 measurement data points per bottle
- Radar and profile distribution display screens

[Click here to view the video](#)



Advanced Programming

Flexible Thickness Features



Thickness Features

- Individual Thickness Results.
- Average, Range, Max. and Min. Results per Ring.
- Average, Range, Max. and Min. Results per Bottle.

Programmable Features

