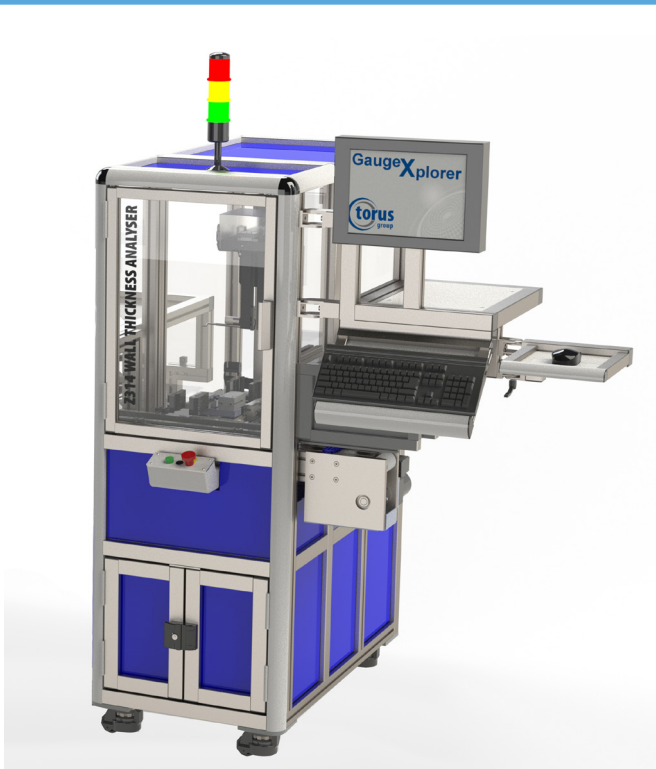


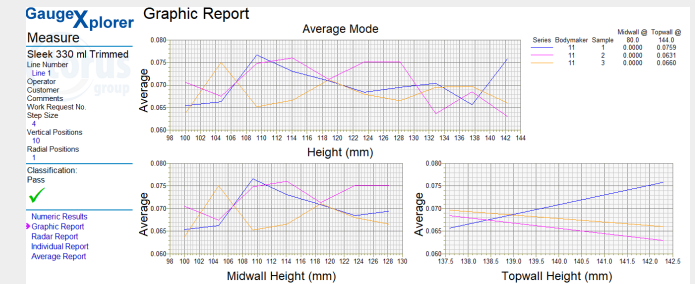
Z314 Semi-Automatic Wall Thickness Analyser



The Z314 Semi-Automatic Wall Thickness Analyser defines the standard for dimensional inspection.

The Z314 measures cups and straight walled cans' wall thickness. Utilising a single point wall thickness transducer based on industry standard Torus Z301 Front End Gauge.

Inspection programmes can be created for multiple component types and sizes, including cups, straight walled cans and optionally, 2 piece bottle necking progressions.



Measurement Features:

Feature	Can Accuracy	Cup Accuracy
Wall Thickness	+/- 0.001 mm	+/- 0.002 mm
Mid Wall Thickness	+/- 0.001 mm	+/- 0.002 mm
Average / Range / Max / Min	+/- 0.001 mm	+/- 0.002 mm

Technical Specification:

Capabilities	Typical Range
Can Body Diameter Range	45 mm - 100 mm Ø
Cup Range	Up to 115 mm Ø
Measuring Envelope Diameter	12 mm - 100 mm Ø
Vertical Height Capability (Automatic)	16 mm - 220 mm
Wall Thickness	0 mm - 0.5 mm

Benefits to your business

- Direct correlation with industry standard Torus Z301 Front End Gauge
- Our GaugeXplorer software uses sophisticated motion control, which allows tooling to be adjusted quickly, removing the need for extensive changeover tooling
- A single high-accuracy measuring transducer with sub-micron resolution is used to collect the measurement data for processing by the GaugeXplorer software at the appropriate position
- On-screen graphical displays of the wall profile, clearly show thick and thin wall areas and transition steps produced by the Punch Tool and Ironing Ring

ELECTRICITY
100-240 Volts / 50-60 Hz

COMPRESSED AIR
5 bar / 73 PSI

WEIGHT
360kg approx.

DIMENSIONS
(W) 1102mm x (H) 1679mm
(D) 1100mm

