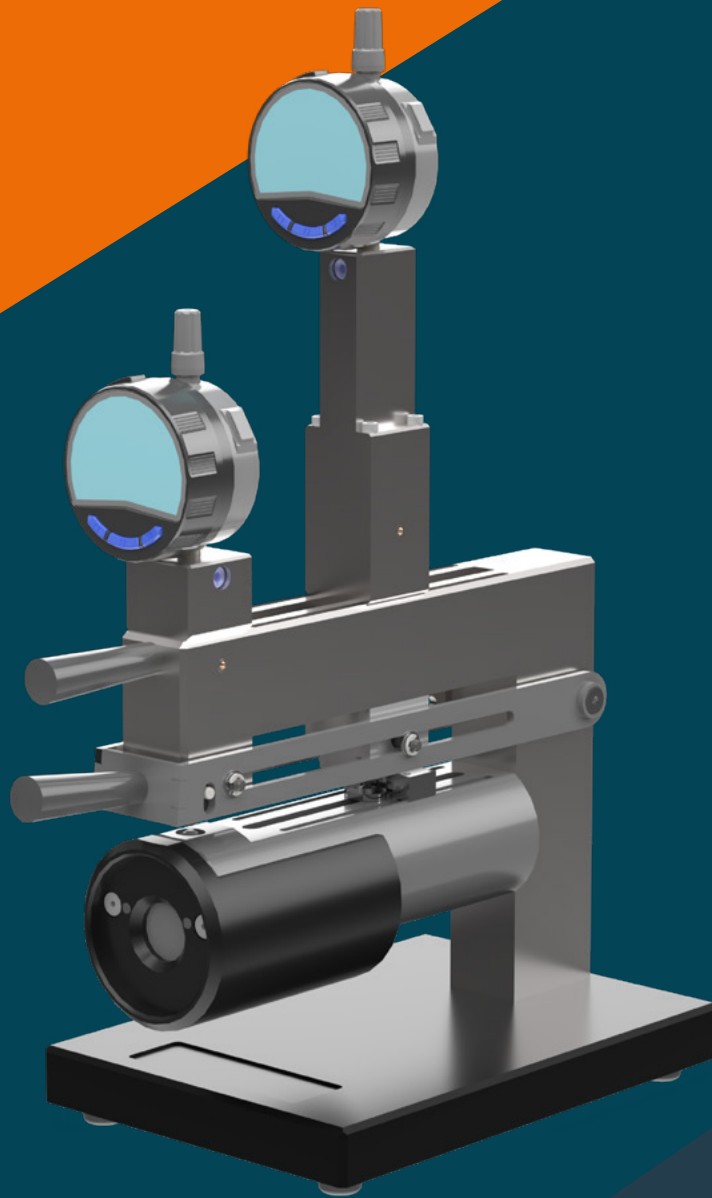




Benchtop Manual Wall Thickness Gauge

Z549

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The Torus Z549 Benchtop Manual Wall Thickness Gauge delivers precise measurements of beverage can wall thickness with dedicated tooling per size. Compact, reliable, and easy to operate, it supports manufacturers in maintaining consistent wall thickness and quality control across can production lines.

Brought to you by Torus, our specialist brand in metal packaging testing, the Z549 Benchtop Manual Wall Thickness Gauge is designed for accurate measurement of beverage can wall thickness. The Z549 offers precise manual readings, ensuring material consistency and process control in every production run.

Accurate wall thickness measurements

The Z549 Benchtop Manual Wall Thickness Gauge enables measurement of mid-wall and top-wall thickness at single positions. Operators can manually position the trimmed can to take readings at various radial points, providing flexibility and complete control over inspection.

With a resolution of 0.001 mm (1 micron), the Z549 delivers high accuracy and repeatability, ensuring reliable data for monitoring can body wall uniformity. These precision results help manufacturers optimize material usage and maintain the strength and performance of their beverage cans.

Reliable and simple to operate

Designed as a manual, benchtop tool, the Z549 requires no air or power supply, offering convenient use directly on the production floor. Components are loaded, measured, and unloaded manually by the operator, supporting fast inspection.

The Z549 includes two Mitutoyo DTIs (digital indicators) for consistent, easy-to-read results and can be optionally connected to legacy software systems.

Technical Specification:

Component Type	Trimmed Beverage cans
Component Material	Aluminium and Steel
Component Height	80 - 250 mm
Component Body Diameter	200 - 307 mm
Component Wall Thickness Range	0.00 - 1.00 mm
Resolution	0.001 mm (1 micron)
Accuracy	±0.01 mm
Capability	0.002 mm
Operation	Benchtop Manual Gauge
Certification	CE Marked

Durable, portable, and compliant

The Z549 is built for durability in industrial environments. Each system is supplied with CE marking and comprehensive documentation, including installation, operation, service, and maintenance manuals (both printed and digital).

Features & Benefits:

- Accurate manual measurement of beverage can wall thickness
- Measures mid-wall and top-wall thickness at single position
- Resolution of 0.001 mm (1 micron) for precise readings
- Simple manual operation – no air or power supply required
- Optional data output via network cable to legacy systems
- Fast Bodymaker setup measurements
- Supplied with full operation and maintenance manuals
- CE marked for safety and compliance

Ordering Information:

Article Number	Article Description
Z549-11.6.1	Benchtop Manual Wall Thickness Gauge