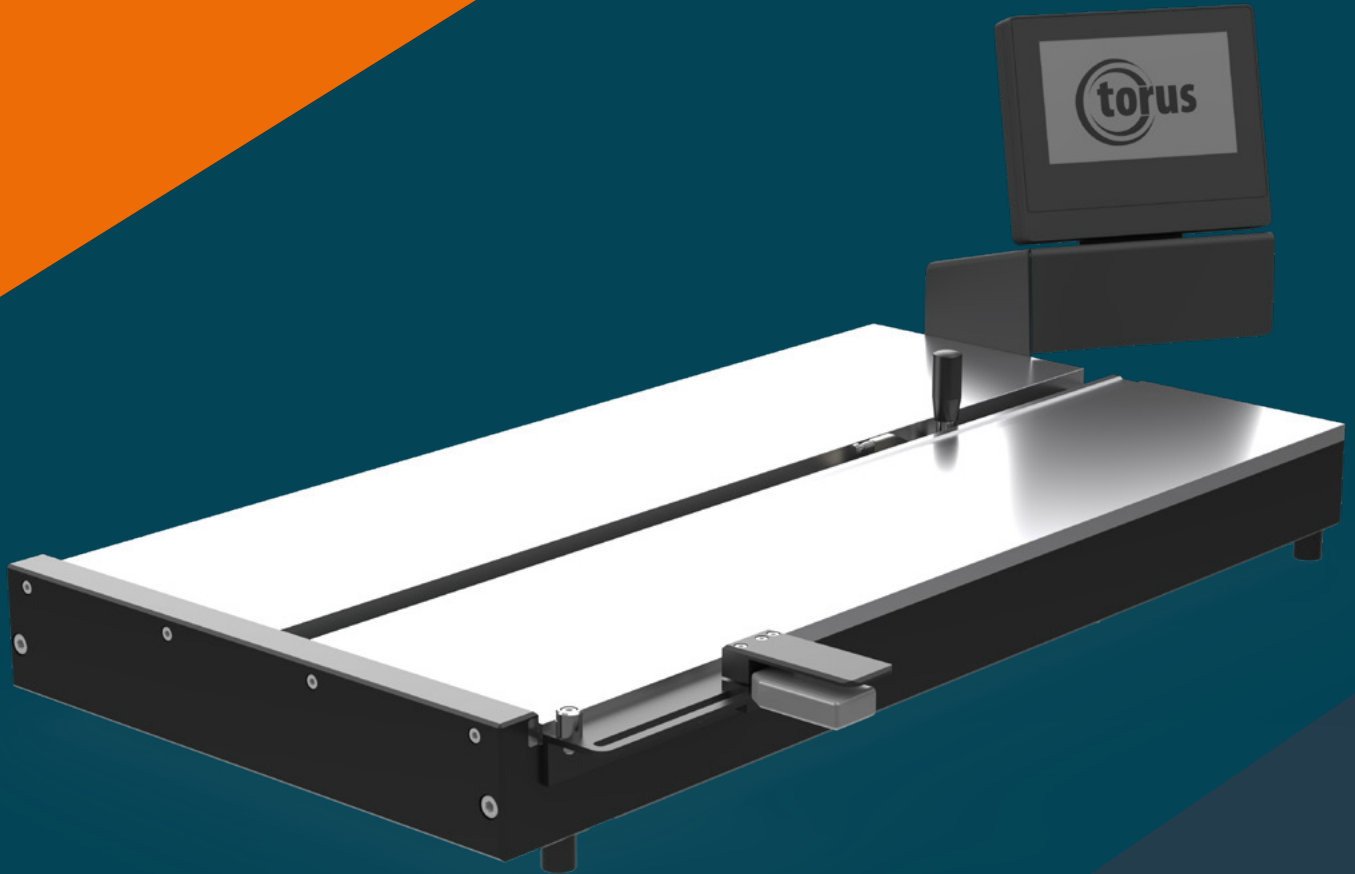




Benchtop Manual Body Blank Gauge

Z552

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The Torus Z552 Benchtop Manual Body Blank Gauge is a robust and reliable benchtop solution for high-precision measurement of body blank height, width, and squareness in metal packaging applications.

The Torus Z552 Benchtop Manual Body Blank Gauge is a robust and reliable benchtop solution for high-precision measurement of body blank height, width, and squareness in metal packaging applications. Engineered with advanced linear compensation technology, it ensures consistent and accurate dimensional analysis of metal blanks prior to can forming.

Z552 Body blank gauge models:

The Z552 Benchtop Manual Body Blank is available in two model variations:

- Z552 Benchtop Manual Body Blank Gauge **600mm**
- Z552 Benchtop Manual Body Blank Gauge **950mm**

Precision Slitter Setup Verification

Designed to support repeatable and user-independent measurements, the Z552 applies a consistent light measuring force across all tests. This eliminates operator variability and guarantees uniform results - critical for verifying slitter setup accuracy and maintaining production quality.

Advanced body blank measurement technology

The Z552 integrates a precision linear slide paired with a precise linear encoder for dimensional measurement, and a secondary angular sensor for squareness verification. This combination delivers stable, repeatable readings with minimal deviation, ensuring high confidence in your inspection data.

Technical Specification:

Max Blank Length	Up to 600 or 950mm
Characteristics Measured	Body Blank Height, Body Blank Width & Squareness
Accuracy	+/- 0.015mm, (15µm)
Resolution	0.001 mm
Electrical Power Required	120 / 240 vac 50-60hz
CE Certified	Yes
Weight	600mm Model: 74 kg 950mm Model: 99.2 kg
Dimensions	600mm Model: (W) 1062 mm x (H) 340 mm x (D) 545 mm 950mm Model: (W) 1402 mm x (H) 340 mm x (D) 545 mm

Importance of body blank measurements in can making

Accurate body blank height, width, and squareness are essential for optimal can forming. Even minor deviations can lead to misaligned seams, material waste, and costly production delays. By validating blank dimensions before forming, manufacturers can proactively identify setup issues and maintain tight process control.

Key dimensions typically include:

Blank Width – the horizontal length of the sheet, which affects the final circumference of the can.

Blank Height – the vertical length, which determines the height of the finished can.

Squareness – to ensure a smooth welding process

Streamline your quality assurance

The Z552 simplifies your inspection workflow by enabling fast, reliable assessment of blank geometry. It helps to ensure that your slitter configurations are correct, reducing the risk of downstream defects and improving overall production efficiency.

Disclaimer

The information contained in this document is liable to modification from time to time in the light of experience and our policy of continuous product development. Check the Industrial Physics website for the latest version.

Features & Benefits:

- High Precision Measurement – Accurately measures body blank height, width, and squareness for metal packaging.
- Consistent Measuring Force – Eliminates operator variability for repeatable, user-independent results.
- Sequential Measurement – Quickly assess all key dimensions in one process.
- Integrated Data Output – Simplifies reporting and quality control workflows.
- Supports Slitter Setup Verification – Ensures correct configuration to prevent downstream defects.
- Improves Production Efficiency – Detects issues early, reducing waste and costly delays.
- Robust Benchtop Design – Built for reliability in demanding manufacturing environments.

Ordering Information:

Article Number	Article Description
Z552-5.16.1	Z552 Benchtop Manual Body Blank Gauge for 600mm
Z552-5.16.2	Z552 Benchtop Manual Body Blank Gauge 950mm

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