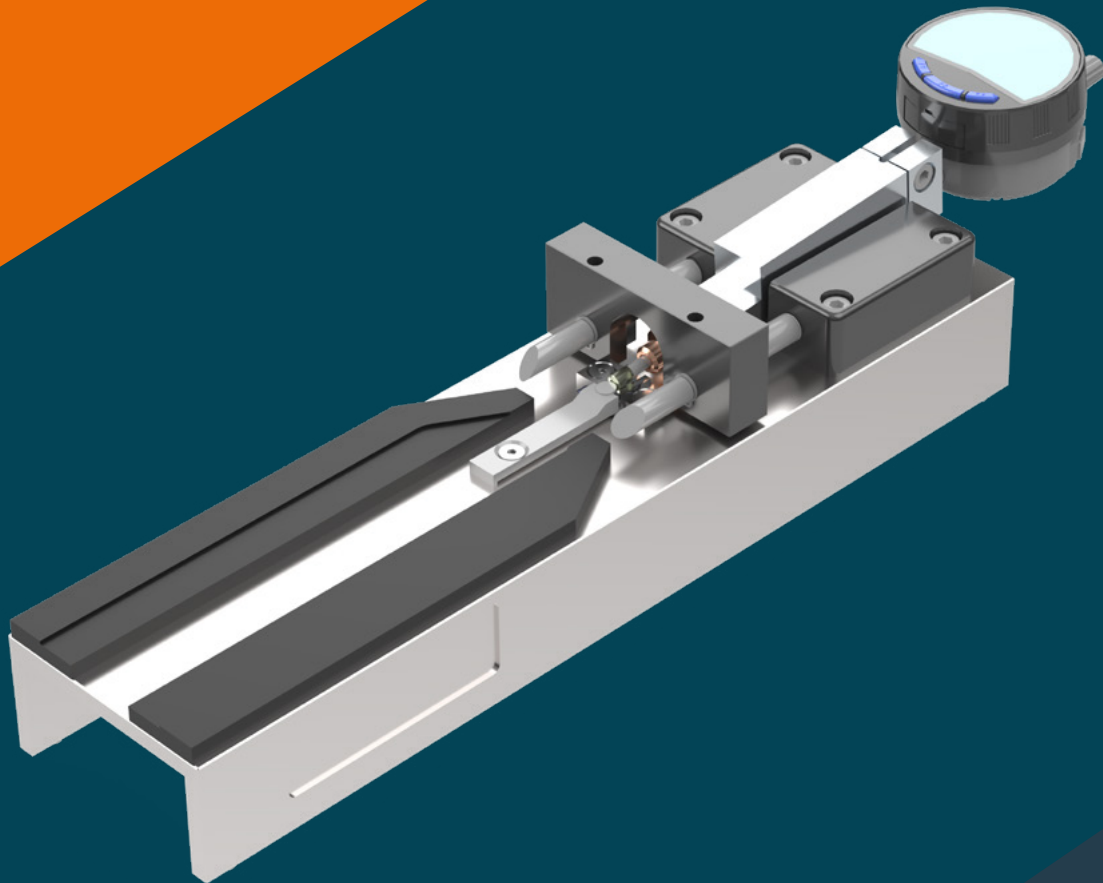


CMCKUHNKE



Handheld Manual Seam Thickness Gauge

Z548

Handheld Manual Seam Thickness Gauge

The Z548 Handheld Manual Seam Thickness Gauge is a reliable tool for measuring seam thickness on food and beverage cans. Designed for precision and efficiency, it offers automated data transfer and adjustable anvil height for versatile applications.

Developed by CMC-KUHNKE, our metal testing expert brand, the Z548 Handheld Manual Seam Thickness Gauge provides you with fast measurements of 2-piece and 3-piece cans for increased accuracy and consistency.

Reliable seam thickness measurement tool

Our seam thickness gauge is designed to measure seam thickness with high precision. This tool is perfect to use while setting up the seamer heads to ensure the integrity of the double seam, a critical factor in maintaining the quality and safety of seamed cans.

Handy seam micrometer tool

The Z548 Handheld Manual Seam Thickness Gauge is a handheld, precise tool for measuring seam thickness for a range of can types – ensuring the double seam is formed correctly to provide a secure seal.

It is ideal for general set-up of can seamer machines, so that the first batch of cans produced are with the correct specification, and can also be used for quick checks during production for quality control purposes – allowing users to verify consistency across multiple cans.

A time-saving seam measuring gauge

The Z548 Handheld Manual Seam Thickness Gauge features a number of automatic data transfer options. Our seam thickness gauge will save you time in your process, ultimately saving you money.

Technical Specification:

Component Type	Aluminum and Steel
Seam Thickness	1.5 – 1.6 mm
Can Diameters	52 - 153 mm (Food) 52 - 83 mm (Beverage)
Can Neck Diameter	202 - 603Ø (Food) 200 - 300Ø (Beverage)
Accuracy	+/- 0.01 mm
Capability	0.02 mm
Resolution	0.001 mm
Weight	1.4 Kg
Dimensions	(W) 100 mm x (H) 59 mm x (D) 291 mm

Importance of reliable seam thickness measurements

Measuring seam thickness is a critical quality control step in canning operations, as it directly reflects the integrity of the double seam. Correct seam thickness ensures that the seam meets dimensional specifications required to maintain a hermetic seal, preventing issues such as microleaks, bacterial ingress, or pressure loss. Deviations in thickness can indicate problems like tool wear, misalignment, or material inconsistencies, all of which can compromise the seal and product safety.

With the Z548 Handheld Manual Seam Thickness Gauge, you can ensure the correct seam thickness specification already during the machine setup and also check and meet compliance with regulatory and industry standards for QA requirements. Maintaining consistent seam dimensions helps ensure product shelf stability, reduces the risk of recalls, and protects brand reputation by minimizing the likelihood of packaging failures in distribution or on the shelf.

Features & Benefits:

- Low-cost, high-quality seam thickness gauge
- Ideal for food, beverage and aerosol cans
- Measures seam thickness on the can seam
- Robust, portable design
- Highly accurate measurements
- Easy to use, saving time and costs
- Integrated interface for data transfer
- World-class Gauge Repeatability and Reproducibility (GR&R) and Discrimination Ratio (DR)
- Supplied with Master for qualification and calibration

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.

Ordering Information:

Article Number	Article Description
Z548-11.8.1	Handheld Manual Seam Thickness Gauge

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