Semi-Automatic Benchtop Finished Food Can Gauge

Z316

INDUSTRIAL PHYSICS

Protecting
Product Integrity

Semi-Automatic Benchtop Finished Food Can Gauge

A semi-automatic benchtop gauge that provides a range of accurate and repeatable measurements for can height, flange width, countersink depth, panel depth and bead height of finished food cans – all in one system.

Brought to you by Torus, our measurement, automation, metrology, and manufacturing equipment brand, the Z316 is our highly accurate, semi-automatic benchtop gauge that provides multiple measurements for finished food cans.

The Z316 Finished Food Can Gauge is extremely versatile and efficient for any can maker, providing you with multiple measurements all in one instrument. It saves you time and money with fast measurements and all in one benchtop space.

Measurement features of the Z316 Finished Food Can Gauge

The Z316 Semi-Automatic Benchtop Finished Food Can Gauge has been designed with reliability and efficiency in mind. With its rapid measurement cycle time of just 60 seconds, the Z316 provides users with greater efficiency and reliable measurements for multiple critical can parameters.

Measurement Features:

- **Finished Can Height**
- **Flange Width**
- **Countersink Depth**
- **Panel Depth**
- **1st Bead Height (Can End)**

Optional Features:

- **Bead Depth**

Technical Specification:

Component Materials	Aluminum / Steel
Component Stages	Finished Food Cans
Component Height Range	25 - 235 mm
Component Outer Body Diameter	200 - 603, 50 - 153 mm
Finished Can Height	+/- 0.010 mm Accuracy 0.030 mm R&R
Flange Width	+/- 0.010 mm Accuracy 0.030 mm R&R
Countersink Depth	+/- 0.010 mm Accuracy 0.030 mm R&R
Bottom Depth	+/- 0.010 mm Accuracy 0.030 mm R&R
1st Bead Height (Can End)	+/- 0.010 mm Accuracy 0.030 mm R&R
Bead Height	+/- 0.010 mm Accuracy 0.030 mm R&R
Power Supply	230 v / 50 Hz
Air Supply	5 bar
CE Marked	Yes

Pass or fail conformance tolerance

Quickly understand if your can components are fit for purpose by establishing “pass,” “warning” and “fail” tolerance testing parameters. It’s a useful, time-saving quality control procedure that can be used to support your can pressure testing.

Complete with calibration tools

You’ll find it easy to maintain the accuracy and prolong the life of your Z316 Finished Food Can Gauge using the Finished Can Calibration Master supplied with every purchase. This system calibration is a simple manual process. All of the resident programs are automatically calibrated using a single calibration program, which you can select from the menu screen.

Export your results for in-depth analysis

The Z316 Semi-Automatic Finished Food Can Gauge comes supplied with our advanced Torus GaugeXplorer measurement and machine control software. It has a range of features for your specific industry requirements to help improve productivity and meet quality requirements. In the box you also get both an RS232 and a LAN connection point (standard ethernet) – network connectivity is required.

Frame your can testing success

The Z316 food can gauge is supplied in a durable benchtop cabinet with rounded profile beams.

Ordering Information:

Article Number	Article Description
Z316-9.2.1	Semi-Automatic Benchtop Finished Food Can Gauge

Benefits:

- Multiple tests and measurements in one instrument
- Reliable and accurate measurements
- Fast measurement cycles per parameter
- Reliably accurate with world class R&R
- Automatic data transfer option
- Sturdy and durable design
- Supplied with master calibration standard
- Supplied with advanced GaugeXplorer software

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.

Contact Details

web. www.industrialphysics.com
email. info@industrialphysics.com

INDUSTRIAL PHYSICS

torus