

CSG-3000-B Combination Seam Gauge for Beverage Cans

The Semi-Automatic Combination Seam Gauge provides automated seam thickness and countersink depth measurements, as well as a 360° seam thickness scan around the can.

Measures: Seam Thickness, Seam Thickness around the can (360° measuring), Countersink Depth



NEW CSG FEATURES:

- 360° seam thickness scan now a standard feature
- Modern interface = increased user-friendliness
- Enhanced data export functions

Benefits

- Saves time:
 - Automatic can rotation
 - Multiple measurements at one time
 - Automatic data transfer
- Increased accuracy:
 - Automated measurement
 - World class R&R
- No change parts required

Features

- Complete 360° Seam Thickness Profile
- Fully-automatic version available
- CSG also available for Food cans (CSG-3000-F)

Technical Details

Characteristics: Seam Thickness, Seam Thickness around the can (360° measuring), Countersink Depth

Max. Size: Can Body Diameter: from Ø52 (200) to Ø73 (300)
Can Height: 55 to 240 mm (2.125 to 9.4 in)

Max. Positions: Max. 50 points around the can (can rotated automatically)

Electrical Required: 110 to 240 V (47 to 63 Hz)

Air Pressure Required: From 5 bar (73 psi) to 10 bar (145 psi)

Speed: 2 cans per minute for Ø211 can and 3 measurements around the can

Output Interface: RS232 (USB with adapter)

Resolution: Countersink: 0.001 mm (0.00004 in)
Seam Thickness: 0,0001 mm (0,1 micron) (0.0000004 in)

Accuracy: Countersink: +/- 0,01 mm
Seam Thickness: +/- 0,001 mm

Repeatability: Countersink: 0,02 mm
Seam Thickness: 0,001 mm

Operating Temperature: 15°C to 40°C (59°F to 104°F). Recommended temperature for exact results: 22°C (71,5°F)

Humidity: Max. 80% not condensing

Power Supply: 12 V / 5 A (100 to 240 VAC)

Power Consumption: Max. 50 W (80 VA)

Languages: English, German, Chinese

Machine Weight: 13,7 kg (30.2 lbs)

Machine Dimensions: Height: 278 mm (11 in)
Length: 320 mm (12.6 in)
Depth: 470 mm (18.5 in)

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