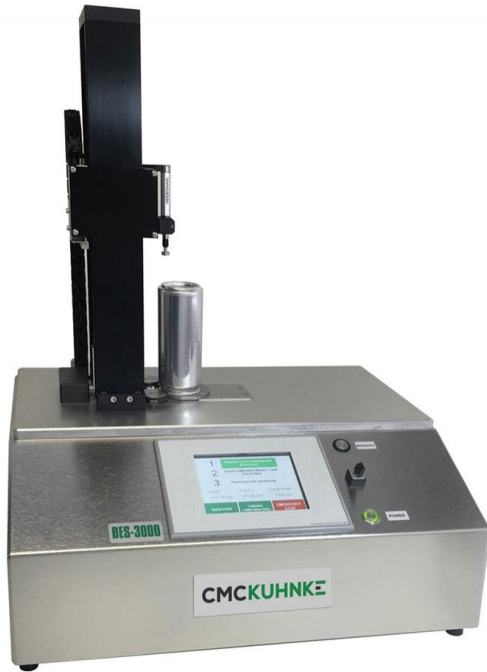# Back End Gauge

BES-3000 - Measurement System for 2-Piece Beverage Cans

The BES-3000 is an operator-independent system for the accurate measurement of 2-piece beverage cans.

Gauge adjusts automatically for use with multiple can heights.

The Back End Station measures Plug Diameter, Can Height, Flange Width and Flange Diameter. All measurements are taken automatically at the touch of a button, and cans are automatically rotated to measure at multiple positions. Quick and easy setup provides for up to 20 different measurement configurations.

This semi-automatic can measurement system is available as a stand-alone gauging unit with a digital display or for data transfer directly into Visionary QC or data acquisition software.

Benefits

- Saves time
- Multiple measurements at one time
- Increased accuracy
- Automated measurement in up to 20 positions

Features

- Measurement head adjusts automatically when different can height is selected from pre-programmed test types
- Intuitive, easy to use, touch-screen interface
- Option for automatic in feed is available
- Hands-Free design replaces individual, manual gauges and eliminates measurement variation as the result of operator interference
- Automatic RS232 data output

Technical Details

Size:	Plug dia. up to 206 (ø57 mm); Height: up to 11.2 in (285 mm)
Resolution:	0,001 mm (0.00004 in) for Plug Diameter; 0,01 mm (0.0004 in) for Can Height, Flange Width
Accuracy	Can Height: ± 0.03 mm (±0.0012 in); Flange Width and Plug Diameter: ± 0.01 mm (± 0.0004 in)
Repeatability:	: ± 0,003 mm (± 0.00012 in) except Can Height
Dimension (LWH):	528 mm (20.8 in) x 490 mm (19.3 in) x 703 mm (27.7 in)
Net Weight:	24,5 kg (55 lbs.)
El. Power Required:	100-240VAC 50-60Hz
Power Consumption:	< 100 W
Output Interface:	RS 232 (110…38400 Baud configurable), USB 2.0
Output Format:	ASCII-Text
Languages:	English, German, French; Chinese
Air Pressure Required:	min. 72.5 psi (5 bar)

Accessories

- Visionary-Pro Software
- Visionary- light Software
- USB- cable- 10 ft. (3m)
- PC incl. Monitor, Keyboard, Mouse and Windows
- IEC power cable- 6.5 ft. (2m) EU
- IEC power cable- 6 ft. (1,8m) USA-Japan
- IEC power cable- 6 ft. (1,8m) UK

Toolings

Measuring Jaw

BES-1000-CP-200	No. 505 001:01/1
BES-1000-CP-202	No. 505 001:01/2
BES-1000-CP-206	No. 505 001:01/3
BES-1000-CP-307	No. 505 001:01/5

Calibration Master

BES-Master-200	No. 505 007:00
BES-Master-202	No. 505 004:00
BES-Master-206	No. 505 003:00