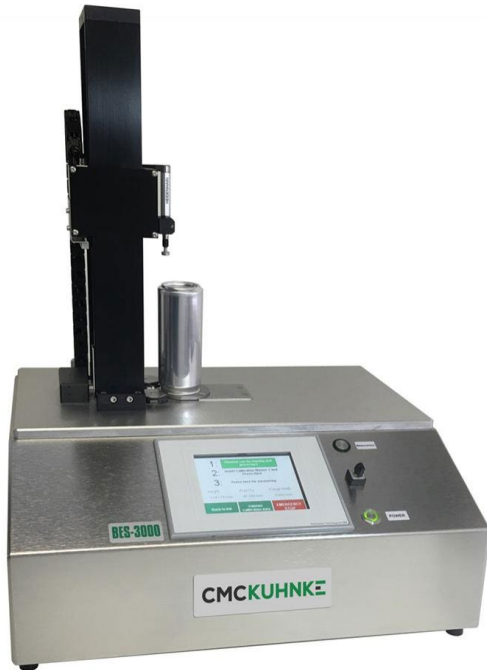


## BES-3000 – Back End Gauge

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

[WWW.CMC-KUHNKE.COM](http://WWW.CMC-KUHNKE.COM)

**GERMANY**  
Tel. +49 30-2300-66-0  
[sales@cmc-kuhnke.de](mailto:sales@cmc-kuhnke.de)

**UNITED STATES**  
Tel. +1 518-694-3310  
[sales@cmc-kuhnke.com](mailto:sales@cmc-kuhnke.com)

**MEXICO**  
Tel. +52 55 4203 6820  
[sales@cmc-kuhnke.com.mx](mailto:sales@cmc-kuhnke.com.mx)

**CHINA**  
Tel. +400-821-0694  
[info.china@industrialphysics.com](mailto:info.china@industrialphysics.com)

## Technical Details

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