CMCKUHNKE
QUALITY | ACCURACY | RELIABILITY

BCI-1000 – Bottle Can Inspection

Automatic measurement for aluminium beverage bottles

The simple and easy-to-use bottle can inspection station from CMC-KUHNKE uses state-of-the-art optical technology to accurately measure critical parameters of bottle-cans with threads for caps.

Bottles are rotated and measured automatically!

The bottle can inspection station uses precision optics and high-resolution cameras to take all measurements automatically; eliminating operator error and making the readings highly accurate and repeatable.

At the touch of a button, the BCI-1000 automatically measures: can height, skirt height, inner and outer curl diameter, curl height, thread height, thread pitch, outer thread diameter, and outer skirt diameter.

Measurement results are shown on the color touch screen display and may be saved or printed out via serial printer. Results are also available for data transfer either directly into Visionary QC or other plant wide data acquisition software. The bottle can inspection station may be used as a stand-alone measurement tool.

Benefits

- Bottles are rotated automatically
- Highly accurate optical measurement
- Setup for different container types and sizes is done in seconds
- Precision made parts and sturdy design ensure years of reliable operation.
- Test data automatically transferred via rs232 or ethernet
- Integrated pc allows the bci-1000 to be used as a stand-alone device

Available for plastic preforms

Technical Details

Electrical power required:	220v/50hz
Languages:	multiple languages available
Characteristics:	can height, skirt height, inner curl diameter, outer curl diameter, curl height, thread height, thread pitch, outer thread diameter, outer skirt diameter

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