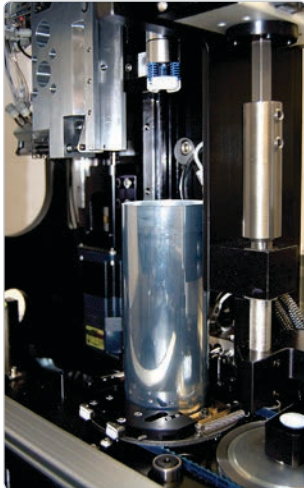


## Front End Gauge Master Series

## AUTOMATIC MEASUREMENT OF KEY DIMENSIONS ON TRIMMED (UN-NECKED) BEVERAGE CANS

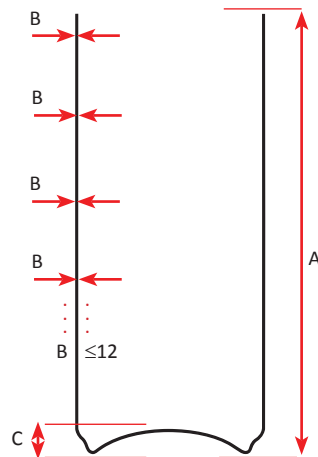


MASTER  
SERIES



### SIDE WALL MODELLING

Side wall thickness measurements can be made at up to 12 vertical locations (to 40 mm from the bottom of the can) and numerous radial positions. The data yielded can be used for side wall modelling to find the transition point.



Measures multiple can sizes without change parts

### BENEFITS

Automatic measurement of critical features
Multiple can sizes without change parts or adjustment
No operator influence on results
Well proven technology
Excellent R&R
Constant self monitoring/self calibrating
Side wall modelling to find the transition point
Can be linked to Back End Gauge at any time

The fully automatic Front End Gauge measures can height, mid and top side wall thickness, and dome depth on un-necked, trimmed beverage cans. The gauge uses well-proven technology that eliminates all operator influence on the results. The gauge can be linked to the automatic Back End Gauge module either when ordering or at any time in the future.

**MULTIPLE CAN SIZES** — Cans with different can diameters and heights can be measured without change parts or adjustments. So several standard can sizes and shapes can easily and quickly be tested with a single gauge.

**SELF MONITORING, SELF CALIBRATING** — Every measurement for every batch is automatically qualified using a UKAS approved setting master. The gauge constantly monitors its own performance and recalibrates if drift is detected.

### BENEFITS OF MASTER SERIES AUTO GAUGES

Fully automatic, operator free measurement
Sampling on time or production basis
Fully self - checking
Data available on screen and exchanged via local area network
Multi lane capability (optional)
Easily updated and reconfigured at any time
Future proofed for changing requirements

### MEASUREMENTS

Feature	Accuracy
A. Can Height	±0.01 mm / ±0.39 thou
B. Side Wall Thickness	±0.001 mm / ±0.039 thou
D. Dome Depth	±0.01 mm / ±0.39 thou

### SPECIFICATIONS

Cans accepted	Un-necked cans only
Can material	Steel or Aluminium
NOTE: test cans must be clean and dry	

### CAN SIZE OPTIONS

	Standard gauge	Large can variant (SPECIAL ORDER)
Can body $\varnothing$	202 to 211 automatic adjustment	300 single size <b>PLEASE CONTACT SENCON TO DISCUSS</b>
Can height	88 mm to 190 mm automatic adjustment	88 mm to 190 mm automatic adjustment

Due to continual development, product details may change. Please consult Sencon directly for the latest specifications.

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