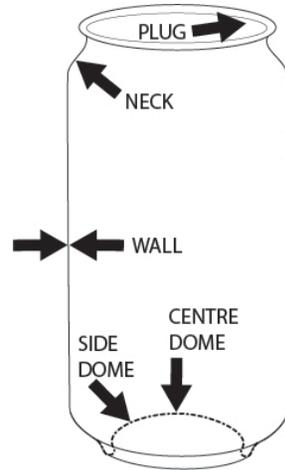




## Coatings Gauge - optical Master Series

## NON CONTACT, ZERO WEAR, LOW MAINTENANCE COATINGS THICKNESS MEASUREMENT



Custom designed optical technology measures internal and external coatings thickness

### BENEFITS OF COATINGS GAUGE - OPTICAL

Measures internal and external coatings with ease
Self adjusting and self correcting for misalignment and difficult surfaces
Sencon developed metrology, fully correlates to industry standard
Built-in accuracy check and stability monitoring
202 to 211 (52 mm to 68 mm) can body diameter without change parts. A large can option for 211 to 300 (68 mm to 73 mm) is also available.
Can height adjustment user programmable
Measures matte and tactile coatings, base coat over colored inks, tinted internal lacquers, and BPA-free coatings

Also measures colored internal lacquers, external coating over colored inks, matte, tactile, and BPA-free coatings

The Master Series Coatings Gauge - optical is a fully automatic gauge for accurate, consistent and frequent checking of internal and external film thickness and distribution on beverage cans.

**FASTER TESTS, MORE MEASUREMENTS** — Automatic optical coatings measurement enables faster tests than existing contact technologies. This allows increased test frequencies while saving hours of unproductive operator time. Using non-contact technology also means more measurements can be made on locations on the can such as the neck, plug, and dome areas. The gauge has been shown to be capable of measuring colored internal lacquers, external coating over colored inks, as well as matte, tactile, and BPA-free coatings.

**NO CALIBRATION SAMPLES NEEDED** — Operator influence on results is eliminated and any dependence on separate calibration samples for each coating is removed.

**INCREASED ACCURACY** — Independent testing has shown that the Sencon gauge is highly accurate (gauge capability for internal coatings measurement is typically less than 5% R&R) with a low spread of results. The gauge has built-in accuracy checks and stability monitoring which is automatically undertaken with each batch of cans measured.

### 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

### CUSTOM DESIGNED OPTICAL TECHNOLOGY FOR BEVERAGE CANS

— Instead of using bought-in optical technology which is compromised for measuring a wide range of items, Sencon worked with cutting edge researchers to develop new hardware and software tools specifically for measuring coatings thickness on beverage cans under factory conditions. The rugged optical probe carries a self adjusting sensor which is continually optimized to give reliable readings even on difficult surfaces. Uniquely, Sencon's optical metrology fully correlates to industry coating thickness standards with results given in either microns or gm<sup>2</sup>.

### CAN SIZE OPTIONS

	Standard gauge	Large can variant
Can body $\varnothing$	202 to 211 automatic adjustment	211 to 300 automatic adjustment
Min. can neck $\varnothing$	200	202
Can height	87 mm to 210 mm automatic adjustment	87 mm to 210 mm automatic adjustment



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

NORTH, CENTRAL, SOUTH AMERICA

Tel +1 708 496 3100  
Fax +1 708 496 3105  
info@sencon.com

EUROPE, MIDDLE EAST, ASIA, AFRICA, AUSTRALASIA

Tel +44 1905 827800  
Fax +44 1905 795876  
info@sencon.co.uk

CHINA, HONG KONG, SOUTH EAST ASIA

Tel +852 3 9733860  
Fax: +852 30206140  
info@sencon.hk