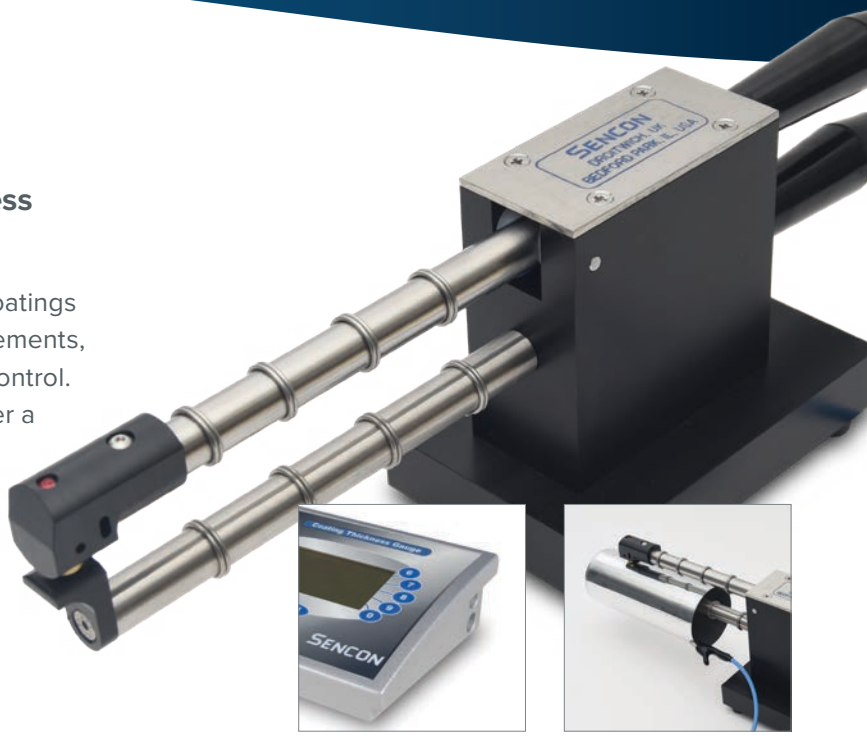
SENCON
SENSING • TESTING • GAUGING

SI Accessories

Formed Can Probe

For testing internal and external coating thickness (film weight) on 2-piece beverage cans.

The SI9507+ formed can probe is used with the SI9600 Coatings Gauge for reliable coatings thickness (film weight) measurements, allowing the coating process to be brought under tighter control. Even a small reduction in coatings usage will quickly deliver a return on investment, saving money and raw materials.



- **Measures both internal and external coatings**
- **Allows tighter control of the coatings process**
- **Spring release action applies consistent pressure for accurate and repeatable readings**
- **Guide rings help consistent positioning**

Ordering Information

CODE	DESCRIPTION
SI9507+	Formed Can Probe: For beverage cans

Options & Accessories

CODE	DESCRIPTION	
SI9600	Coatings Thickness Gauge	Semi-automatic gauge for measuring thickness (coating weight).

Wear Parts

CODE	DESCRIPTION
311-09510-00	Pack of 5 replacement probe tips
311-10400-00	Kit of 16 replacement probe tips (12 date-coded tips plus 4 spare) suitable for SI9650

Probe tips should be changed every 4 weeks.

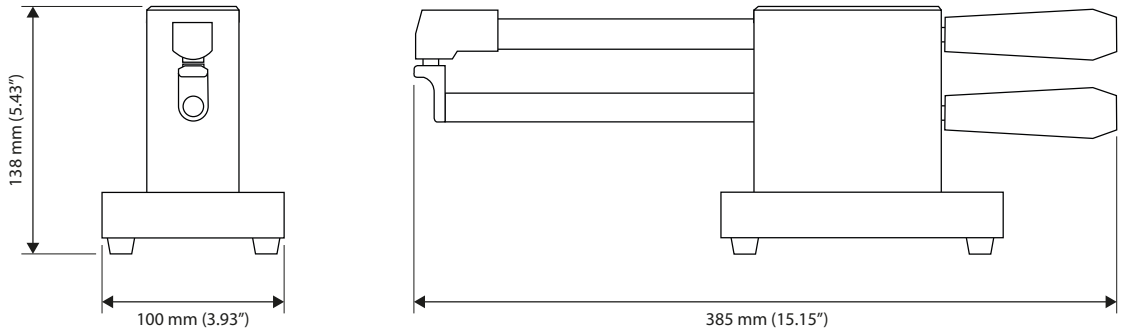
SI9600 COATINGS THICKNESS GAUGE

Used in conjunction with various probe accessories like the SI9507+ Formed Can Probe, SI9560 Formed Tube Probe, and SI9651 Hoverprobe™ II, the SI9600 Coatings Thickness Gauge offers rapid and precise measurement of lacquer film thickness (film weight) for internal and external coatings on beverage and food cans or flat sheets.



© Copyright 2025 Sencon Group. All rights reserved. Specifications subject to change without notice. E&OE

TECHNICAL SPECIFICATIONS

Cans Accepted:	**Can body diameters: 200 to 211** **Can neck diameters: Min 202 on 211 body, 200 on 200 body** **Can heights: up to 188mm (7.4”)**
Machine Throughput:	Measurement settling time: 3 seconds approximately
Dimensions:	
Weight:	2.1kg (4.6lb)
Controller:	Connects to the Sencon SI9600 Coatings Thickness Gauge
Cable Length:	1.5m (5’)
Loading:	Manual loading and unloading
Calibration:	Before use, the gauge-probe combination should be calibrated using a reference sample with known coating thickness (supplied by the coating manufacturer), of the same material and thickness as the tubes to be measured.
Compliance:	CE marked, complies with relevant EU product directives

© Copyright 2024 Sencon Group. All rights reserved. Specifications subject to change without notice. E&OE

SI9507+ FORMED CAN PROBE

If coating weight measurements produce variable results, operators typically apply heavier coatings settings in order to stay safely within tolerance. This ultimately wasteful expedient can be avoided with the reliable and consistent measurements yielded by Sencon's coatings thickness probes. Operators can then safely run a coater close to the desired specification. Even a small reduction in coatings usage per product will quickly deliver return on investment through cumulative savings on raw material costs.

The SI9507+ Formed Can Probe is used with the SI9600 Coatings Thickness Gauge to test internal and external coating thickness on 2-piece Beverage cans. The scissor action jaws are opened manually against spring pressure. Guide rings along the probe arms help the operator to move the can to the correct positions for testing. When the jaws are released, the spring release action applies a consistent and known pressure for each test, avoiding the risk of operator variability and ensuring accurate and repeatable readings.



AN ALTERNATIVE TO MANUAL COATINGS GAUGES

FILM-SCAN™ OPTICAL COATINGS GAUGES

The Benchmark™ Film-Scan™ coatings gauge allows for accurate, consistent and frequent checking of internal and external film thickness and distribution, without any risk of inadvertent operator bias. Results are given as either coatings thickness or film weight.

Film-Scan™ is also available in the fully automtic Master Series™ range.

BENCHMARK SERIES

MASTER SERIES

WORLDWIDE SUPPORT YOU CAN TRUST

We are committed to providing the best customer support worldwide with service engineers based in North and South America, Europe and Asia backed up with technical support from experienced industry specialists based at three technical support centers – you can trust Sencon.

Technical support is easily accessible through our 'Quick Assist' QR codes which offer support via WhatsApp*, email, web chat and telephone. Additionally, our online knowledge base provides support resources for all Sencon products.

***only available in Europe, Asia, Africa and Oceania**



Industry specialists since 1976

Sencon Inc.
North & Central America
TEL: +1 708 496 3100
info@sencon.com

Sencon
South America
TEL: + 55 19 9 9659 0145
info@sencon.lat

Sencon (UK) Ltd.
Europe, Asia, Africa, Oceania
TEL: +44 1905 827800
info@sencon.co.uk

www.sencon.com

© Copyright 2025 Sencon Group. All rights reserved. All trademarks acknowledged. Specifications subject to change without notice. E&OE