SENCON
SENSING • TESTING • GAUGING

Si Gauges

Hoverprobe

Sencon's new, Hoverprobe is used together with a Sencon Coating Thickness Gauge (SI9500, SI9600 or SI9700) to measure coatings thickness/film weight on flat sheets.



The probe floats effortlessly into position on a cushion of air at the press of a button, before settling onto the sheet under its own fixed weight. The same precise load is applied to the probe tip for every test, giving highly reliable and repeatable readings.

- **Floats on a cushion of air for quick and easy positioning**
- **Settles under its own weight to give highly reliable and repeatable readings**
- **Excellent repeatability (R&R)**
- **Standardized probe tips that also fit other Sencon coatings probes**
- **Made from food grade plastic and stainless steel**
- **Works with current and previous versions of Sencon's Coatings Thickness gauges (SI9700, SI9600 and SI9500)**





Ordering Information

CODE	DESCRIPTION
SI9750	Hoverprobe

*Compatible with the SI9700, SI9600 and SI9500 Coatings Thickness gauges.

Accessories

CODE	DESCRIPTION	
SI9600	Coatings Thickness Gauge	Semi-automatic gauge for measuring thickness (coating weight)
SI9700	Coatings Thickness Gauge	Semi-automatic gauge for measuring thickness (coating weight)
SX1000	Data-Bridge Software	Adds data logging functionality to gauges with only an RS232 serial interface.

Spare Parts

CODE	DESCRIPTION
311-09510-00	Pack of 5 replacement probe tips for the SI9750 and SI9650 Hoverprobe
311-10400-00	Kit of 16 replacement probe tips (12 date-coded tips plus 4 spare) for the SI9750 and SI9650 Hoverprobe
212-46810-00	2.3m (7' 5") cable for the SI9750 and SI9650 Hoverprobe

PLEASE NOTE: Probe tips are compatible with the SI9750 and SI9650 Hoverprobe. Please contact Sencon for probe tips for the SI9651.

SEMI-AUTOMATIC

SI9700 COATINGS THICKNESS GAUGE

The SI9700 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.



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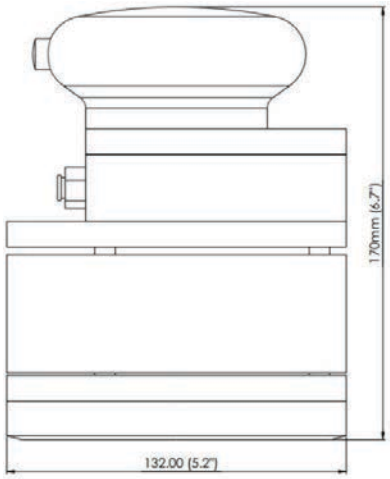
TECHNICAL SPECIFICATIONS

Accuracy:	Repeatability (R&R) typically <10%
Air Supply:	6 bar (87 psi) To maximize product life, always use clean, dry compressed air. It is highly recommended to install a filter-regulator equipped with an automatic drain to effectively remove pipe scale, water, and oil contaminants from the system.
Temperature Range:	10°C to 45°C (50°F to 113°F)
Relative Humidity:	0% to 90% non-condensing
Voltage:	100-240 V
Controller:	Used with a Sencon Coating Thickness Gauge - SI9500, SI9600 and SI9700
Relative Humidity:	0% to 80% non-condensing
Ingress Protection:	IP44
Construction:	Stainless steel and food grade engineering plastic
Dimensions:	
Weight:	8kg (17.6lb)
Compliance:	CE marked: complies with relevant EU product directives UKCA marked: complies with relevant UK product regulations

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HOVERPROBE

REDUCES COATING CONSUMPTION: High variability in coating measurements forces operators to over-apply material to guarantee target weights are met. By stabilizing measurement accuracy, you eliminate this costly product waste.

MAXIMUM CONTROL, MAXIMUM ROI: The Hoverprobe delivers the reliable, consistent measurements needed to bring your coating process under tighter control. Even a small reduction in coating usage quickly yields a return on investment—saving raw materials and directly lowering production costs.

EFFORTLESS POSITIONING: At the press of a button, the probe floats seamlessly into position on a cushion of air, requiring minimal manual effort to glide across the sheet.

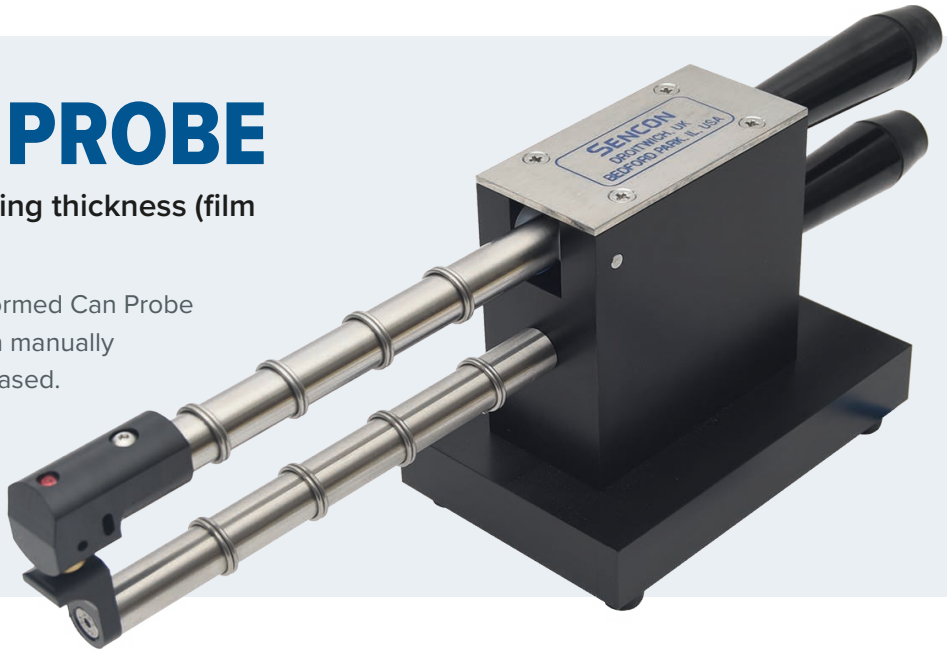
REPEATABLE PRESSURE: Releasing the button gently settles the Hoverprobe™ onto the sheet under its own fixed weight.

UNMATCHED CONSISTENCY: Because the exact same load is applied to the probe tip for every test, the consistent surface area ensures highly reliable, repeatable readings independent of the operator.

FORMED CAN PROBE

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

Used with the SI9700 Gauge, the SI9507+ Formed Can Probe features spring-loaded scissor jaws that open manually and apply consistent test pressure when released. Integrated guide rings help position the can accurately, eliminating operator variability for reliable, repeatable readings.



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**



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