

[®] *SaveCoat 10*



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Non-Contact Thickness and Profiling Gauge

By carefully controlling the thickness of applied coatings to a product, you can minimise your usage of coating materials and ensure the quality of your coating right away. Where contact measurement solutions damage the surface a non-contact solution is required.

Needs no color-dependent adjustments, no photothermal method is used!

New accurate and noncontact multi method technology to measure a wide variety of nonconductive coatings on metallic carriers or against

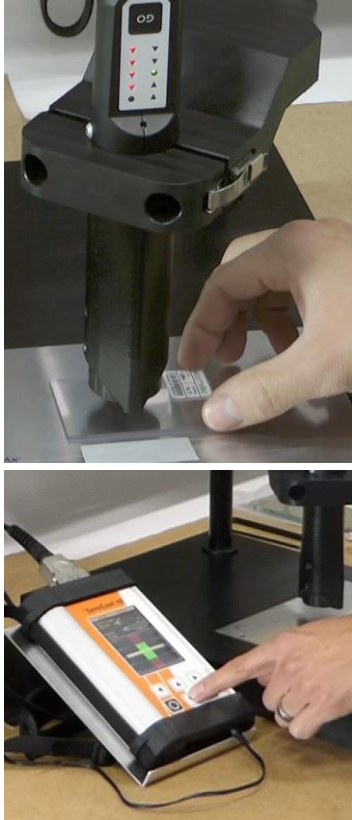
Noncontact thickness measurement of:

- wet paints, glues,
- ceramic coatings, glasses,
- foils, strips, leather,
- artificial skin, foams,
- organic and nonorganic materials

Tough aluminium case, large colour LC-Display, USB Interface, ergonomic gun design for hand held and fixture based applications!

Ergonomic gun designed for comfort when taking multiple readings

Wide range of thicknesses (0-8000 μm !) with a resolution of 1 μm and a accuracy / reproducibility of max (+/- 15 μm or +/- 0.5%)



Easy to use

- large, easy to read colour display
- Ergonomic sensor gun - ideal for continuous testing
- Good results with minimal setup time
- Shoulder strap with protective caps for mobile utilisation

Proven base technology

- 4th generation, proven ultrasonic technology for more than 10 years
- Fourfold measuring aid: display, positioning-LEDs, sound and laser
- Fast, accurate and reproducible results

Multiple measurement methods approach

- Measure thicknesses from 0-8000 µm with one adjustment against a metallic carrier or reference level
- Measures a wide range of liquid, gelatinous and solid coatings as plastics, glasses, ceramics, wet and dry paints, foams, leathers, organic and nonorganic layers etc.
- USB-Port for reading measurement data for statistical analysis
- Automated measurement for integration in control systems (USB Interface)

Technical specifications

Measurement range.....	0 -8000 µm (d)
Resolution	1 µm
Accuracy	max (±15 µm; 0.5% of d)
Measurement distance.....	~4-18mm to the surface
Display	colour 3½" LC-Display (240x320 dots)
Supply.....	NiMH-battery pack, ~5h continues use
Units	µm / mil (switchable)
Dimensions.....	115 x 185 x 35 mm³
Weight	900 g

PACKAGING CONTENTS

Gauge with rechargeable NiMH-battery pack, sensor gun, carry case, reference part, power supply, USB-cable, shoulder strap with protective caps, user manual

RECOMMENDED OPTIONS

®SaveCoat measuring jig “SC jig V100” for fast distance curve adaption and accurate measurements