

# SURFIX® EASY X-SERIES

**Handy coating thickness gauge:  
it could not be easier!**

## Area of operation and application

The gauges are designed for rough operational conditions at the testing site as well as for use in laboratories. The production, made under strict international quality standards, guarantees many years of reliable operational use.

**The Surfifix® easy X-series is mainly used in the following fields:**

- Paint shops
- Paint coatings and powder coating technology
- Automotive assessment and in car workshops
- Steel construction, car manufacturing and ship building
- Incoming goods department
- During the production process
- Final inspection and quality assurance
- Laboratories

All measurement probes belonging to the Surfifix® easy X-series have carbide tips which are highly resistive to wear, this means that there is an almost unlimited life duration. The plastic probe foot is designed with a V-groove thus enabling stable vertical positioning on level, cylindrical or curved surfaces.

The Surfifix® easy X-series is the ideal tool for users who require to measure coating thicknesses the easy way and who are not willing to renounce statistical evaluation, a wear-free measurement tip and the high production quality offered in a "Made in Germany" product.

- + Easy-to-use
- + Backlit display
- + Statistical functions



## Advantages at a glance

- + Innovative and user-friendly technology: just switch on and measure
- + High measuring accuracy
- + Carbide measuring pole
- + Measure on flat, rough and curved surfaces
- + Calibration-free measuring
- + Calibration function for demanding measurement applications
- + FN combination probes for measurements on iron/steel and non-ferrous metals
- + F type probes for measurements on iron/steel
- + Automatic recognition of the base material with the FN combination probes
- + Backlit display for easy viewing in dark environments
- + Easy detection of zinc layers under coating with the FN combination units
- + Online statistics (n,  $\bar{x}$ , s, min, max)
- + Large probe foot for stable positioning
- + Acoustic signal when a reading is recorded
- + Switchable unit  $\mu\text{m}/\text{mils}$
- + Manufacturer's certificate
- + With integrated or external probe
- + 2 years warranty

# SURFIX® EASY X

## The Surfix® easy X is available in two versions:

**Surfix® easy X I:** a compact gauge with integrated probe which fits in nearly every pocket







**Surfix® easy X E:** a gauge with external, fixed probe enabling measurement to be made in difficult-to-access positions

All versions enable easy and precise coating thickness measurement: Combination gauges FN on steel and non-ferrous metals, the F-gauges used solely on steel.



Technical data	Surfix® easy X I-FN / I-F	Surfix® easy X E-FN / E-F
Version	Integrated probe	External, fixed probe
Measurement range iron/steel	0–3,500 µm	
Meas. range non-ferrous metals	0–3,000 µm	
Accuracy	± 2 µm or 2 % of reading	
Resolution	0–1,000 µm: 1 µm   1,000–2,500 µm: 2 µm   2,500–3,500 µm: 5 µm	
Carbide metal tip	yes	yes
Calibration	works calibration, zero calibration	
Statistics	number, mean value, standard deviation, minimum, maximum	
Display	backlit, 4 digit, alphanumeric, height 8 mm	
Operating temperature	0 °C to + 60 °C	
Surface temperature	–15 °C to + 60 °C	
Dimensions of gauge	110 mm x 50 mm x 25 mm	
Dimensions of probe	Integrated	Ø 24 mm x 45 mm
Weight	90 g incl. batteries	140 g incl. batteries
Protection class	IP 52 (protection against dust and dripping water)	
Standards	DIN, ISO, ASTM, BS	
Recommended applications	Compact gauge	For positions difficult to access
Warranty	2 years	

### Limit values

-  Smallest curvature radius for convex surfaces ..... 5 mm
-  Smallest curvature radius for concave surfaces ..... 50 mm
-  Smallest operation height ··· Surfix® easy I: 125 mm | Surfix® easy E: 50 mm
-  Smallest measurement area ..... 10 mm x 10 mm
-  Smallest base material thickness – F ..... 0.5 mm
-  Smallest base material thickness – N ..... 50 µm

### Scope of delivery

- Gauge including probe
- Rubber protection sleeve
- 1 standard foil
- Zero standard(s) (steel/aluminium)
- 2 batteries AAA
- Operating manual (GER, EN, FR, CHIN)
- Manufacturer's certificate
- Case