Material Thickness Measurement Checklist

Thank you for your interest in our products.
To help us recommend the most suitable model for your application, we would be grateful if you could answer the following questions before we proceed.

1) What type of material is to be measured?

- ☐ Steel alloy
- ☐ Quartz glass
- ☐ Ceramic
- ☐ Polyethylene
- ☐ Polyvinyl chloride (PVC)
- ☐ Stainless steel
- ☐ Copper
- ☐ Fibreglass/oder GFK GRP (glass-fibre-reinforced plastic)
- ☐ Rubber
- ☐ Precious metals
- ☐ Bulletproof glass
- ☐ Cast iron
- ☐ Brass
- ☐ Bronze

Other: _____

2) What readability is required?

Readability:

- ☐ 0,1 mm
- ☐ 0,01 mm
- ☐ 0,1 mm/ 0,01 mm

3) What measuring range is required?

(e.g. 0.75 mm to 80 mm)

Measuring range: _____

4) What tolerance or measurement accuracy is required?

(e. g.: +/-0,04mm)

Tolerance / measurement accuracy: _____

5) Is a special probe required?

- ☐ Probe for thin test materials (steel sheet)
- ☐ Probe for hot test materials up to 300°C
- ☐ Probe with an angled (90°) measuring head
- ☐ Probe with a straight measuring head

Sonstige: _____

6) Which additional options are required?

- ☐ Factory calibration certificate (hard copy)
- ☐ Reference block
- ☐ Software for determining the sound velocity of precious metals
- ☐ Adjustable sound velocity
- ☐ Data interface / data output
- ☐ Data transfer software
- ☐ Interface cable
- ☐ Menu languages: DE, EN, FR, ES, IT
- ☐ Scan mode for continuous measurements
- ☐ Statistical function
- ☐ Internal data memory
- ☐ Measurement mode for Pulse-Echo and Echo-Echo

Others:

7) Please briefly describe your application:

8) Your contact details

Company:

Contact person:

Email:

Telephone:

Notes:

- The measurement is performed using ultrasonic measurement technology
- In general, only hard and homogeneous materials can be measured
- We would be happy to carry out a feasibility assessment based on your samples

Please send the completed checklist, together with your requirements, to:: info.sauter@kern-sohn.com

Please click here