
Mobile Hardness Testing 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) Which type of hardness testing method do you require?

Shore (DIN ISO 48-4)

Leeb (DIN EN ISO 16859)

UCI (DIN 50159)

Other:

2) Which hardness scale should be used for the test?

HA, HA0, HD (Shore)

HL, HLD, HLG (Leeb)

HRA, HRB, HRC (Rockwell)

HV (Vickers)

HBS, HB, HBW (Brinell) Nmm²

MPa (tensile strength)

Other:

3) What material is to be tested?

Plastics

Silicone, rubber

Synthetic resin, vinyl

Plexiglass

Foams, sponges

Stainless steel

Steel, steel alloy

Non-ferrous metals such as copper or aluminium

Hard metal

Other:

4) Please answer the following questions about your workpiece / test specimen:

What is the thickness of the workpiece? (e.g. 12 mm)

What is the weight of the workpiece? (e.g. 5 kg)

What is the surface finish of the workpiece? (e.g. Rz 10)

What is the shape of the workpiece? (e.g. round)

May the measurement damage the surface?

5) Please answer the following questions regarding the measuring range and tolerance:

What measuring range is required? (e.g. 100 HA)

What tolerance / measurement accuracy is required? (e.g. 1%)

6) Which additional options are required?

Factory calibration certificate (hard copy)
Hardness comparison test block, including factory calibration certificate
Test stand or stand for the measuring instrument
Support rings for cylindrical components
Data interface / data output
Data transfer software
Interface cable
External probe
Statistical function
Internal data memory

Other:

7) Please briefly describe your application:

8) Your contact details

Company:

Contact person:

Email:

Telephone:

Please send the completed checklist, together with your requirements, to:

info.sauter@kern-sohn.com

Please click here