

alphaROCK

UCI/Leeb combined hardness tester

- Fast and easy hardness testing
- Measuring according to DIN 50159 and ASTM A1038 (UCI)
- Conversion according to EN ISO 18265 and ASTM E140 (UCI)
- Measuring according to DIN EN ISO 16859 und ASTM A956 (Leeb)
- Robust metal casing
- Extensive storage and statistical functions
- USB-C interface for data transfer
- Optional DAkkS certification possible (ISO/ASTM)

Hardness testing



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Hardness testing method:

Introducing the new alphaROCK, BAQ combines decades of experience of the efficient alphaDUR- and dynaROCK series and unites the UCI and Leeb measuring methods in only one mobile and robust device. These two testing methods are a perfect combination and enable hardness measurements in a remarkable field of application – always fast, flexible and exact. The automatic detection of the required measuring method together with the user-friendly handling ensures a high user-friendliness.

This way, a single device allows measurements using two proven testing methods for a broad range of applications.

Areas of application and options:

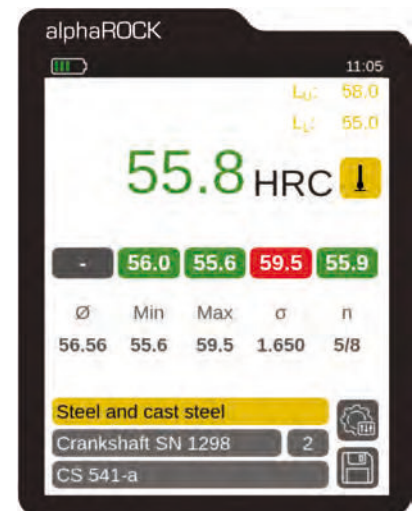
The alphaROCK is designed to meet a wide variety of requirements in the hardness testing of metals.

Whether in laboratories, in production, during incoming goods inspection, or for on-site service operations – the device impresses with its flexibility and precision.

A wide range of accessories is available to optimally meet the various testing demands. Different UCI probes, Leeb impact devices, hardness test blocks and high precision stands allow to adapt the alphaROCK perfectly to the specific testing task. This means you're optimally prepared for any situation and can count on consistently precise and reliable results.

Technical data:

Hardness scales (UCI):	Vickers (HV), Brinell (HB), Rockwell (HRC, HRB, HRA, HRD, HRE, HRF), Super Rockwell (HR45N), Knoop (HK), tensile strength (N/mm ²)
Hardness scales (Leeb):	HRC, HB, HV, HRB, HL, HS and tensile strength (N/mm ²)
Test load UCI probes:	3, 10, 20, 30, 49 or 98 N, depending on the UCI probe
Impact devices (Leeb):	D, DC, C, D+15, DL, G
Display:	3.5"-TFT-LCD colour display, 640 x 480 pixel
Statistics:	average value, standard deviation, minimum, maximum
Data memory:	> 1 Mio. data records with hardness value, date, time, good/bad rating, etc.
Power supply:	Built-in Lithium-Ion battery, 6800 mAh, approx. 12 h operating time
Interface:	USB-C (charging and data transfer), connector for UCI probes and impact devices
Dimensions and weight:	154 x 84 x 23 mm; 430 g



G, DL, D+15, C, DC, D

BAQ GmbH
Hermann-Schlichting-Straße 14
D-38110 Braunschweig (Germany)
Phone: +49 (0)5307 95102-0
www.baq.de