

# KAL-ROCK CALIBRATION DEVICE

EN

DIN  
EN ISO  
6508-2

DIN  
EN ISO  
2039-1

Digital length measuring device with electronic unit for calibrating the penetration depth measuring device of Rockwell hardness testers.



With the patented Kal-Rock, you can verify the penetration depth measuring device of your Rockwell hardness tester. With a resolution of 0.3  $\mu\text{m}$ , it controls the length measuring system of the hardness testers, under a maximum preload of 10 kg.

To calibrate, mount the calibration unit on your device, by inserting the Kal-Rock with its locating bolt into the locating hole of the table spindle. Replace the Rockwell indenter with the Kal-Rock compression die. After the setting of the reference point, the actual calibration measurement will start. The Kal-Rock determines the real measuring path, allowing the comparison of the measured value the device has determined. The control results are shown on the illuminated display of the connected electronic unit, being ready for export.

## MEASURING METHODS

Penetration depth  $\pm 0,4 \text{ mm}$

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## MAIN CHARACTERISTICS



Patented measuring device

Accuracy 0,3 µm with a test load of 10 kg

RS-232 and USB interface

External electronic unit  
with illuminated display

### SCOPE OF DELIVERY

Kal-Rock measuring device

Electronic unit

Transport case

Adapter sleeve  $\varnothing$  25 mm or  $\varnothing$  22 mm

Cylindrical compression die  $\varnothing$  10 mm

RS-232 cable

USB cable

Operating manual

### TECHNICAL SPECIFICATIONS

 **Measurements** W x D x H: Electronical unit:  
290 x 260 x 210 mm

 **Measurements** W x D x H: Measuring device:  
Diameter 90 mm, Length 125 mm

 **Weight** Electronical unit: 2,5 kg

 **Weight** Measuring device: 3,2 kg

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## ACCESSORIES



DAkkS calibration  
certificate

DGUV examination

MADE IN GERMANY SINCE 1954.

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The accreditation is valid for the scope listed in certificate D-K-15206-01-00 (mechanical measurands in the range of hardness).