

BAUCHOMETER

EN

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Standards

Digital hand-held hardness tester for determining the surface tension on large-area parts of automotive interiors made of fine- to coarse-pored foam with flexible upper skin and hard base shell.



With the Bauchometer, you can check the hardness of foamed materials over large surface areas in a car interior where finished parts are covered with faux leather. The Bareiss handle is an integrated pressure sleeve that provides vertical support and allows the digital hand-held hardness tester to be placed securely on the test specimen with even pressure. The Bauchometer is designed to take hardness measurements on large-pored foam material with its optional 30 mm diameter penetration ball.

The measuring instrument automatically starts the test when it is pressed against the surface area and then it will confirm the successful indentation depth measurement with a signal tone and show the determined value on the display. Up to 300 measured values can be stored and exported via the serial RS-232 interface.

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MAIN CHARACTERISTICS

Data memory for
300 measured values

RS-232 cable with USB
connection for data transfer

Acoustic signal at end of
measuring time

Handle with pressing sleeve
and stable base

Spherical indenter with \varnothing 30 mm



TECHNICAL SPECIFICATIONS

 **Measurements** W x D x H: 70 x 50 x 200 mm

 **Weight** 480 g

Packing Unit with case

 **Measurements** W x D x H: 240 x 205 x 60 mm

 **Weight** 400 g

SCOPE OF DELIVERY

Bauchometer hardness tester with base

Lithium-ion battery 3,6 V

RS-232/USB data cable

Packing Unit with case

Operating manual

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ACCESSORIES



Reference elastomer blocks with DAkkS calibration certificate, single set/set of 3 or 6

Reference elastomer blocks can be used to check the indenter and measuring path of the hardness tester according to DIN ISO 48.



Software

The software controls the hardness and hysteresis measurement processes undertaken with Bareiss testing devices.



Facility calibration certificate

REFERENCE

The Bauchometer is mainly suitable for measuring the hardness of large-area parts of automotive interiors made of coarse-pored foams with artificial leather covering. Alternatively, you can test the hardness of fine to medium-pored foams in the car interior with our KFZ car interior hardness tester. For the hardness measurement of foamed materials of motor vehicle steering wheels, you can use our HPE II L with special centering device.

MADE IN GERMANY SINCE 1954.

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Deutsche
Akkreditierungsstelle
D-K-15206-01-00

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