

PRODUCT BROCHURE

SAUTER HMO

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ENGLISH



Advanced features for professional applications

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PRODUCT SHOWCASE



DESCRIPTION

- LCD touchscreen with touch pen
- Automatic recognition of the impact (rebound) sensor connected to the SAUTER HMO
- Mobility: In comparison with stationary table-top devices and testing devices with an internal sensor, using the SAUTER HMO offers the highest level of mobility and flexibility
- All measurement directions possible (360°) by defining the direction of impact on the device
- USB socket for connection to the printer and charging the batteries
- Hardness test block for calibration included
- Internal data memory for up to 500 values
- Mini statistics function: Displays the measure value, the average value, the difference between the maximum and minimum values, date and time
- Measurement value display: (B and C), Vickers (HV), Brinell (HB), Leeb (HL), tensile strength (MPa)
- Automatic unit conversion: The measuring result is automatically converted into all specified hardness units
- Delivered in a robust carrying case

SPECIFICATIONS

Article codes, product groups & Status information

Model article-code	HMO
Model-Serie	HMO
Assortment	Sauter

Product Type	Hardness measurement
Product group	Hardness testers (Leeb)
Product usage type	Main article
EAN code (Model)	4045761139664
Predecessor Model	HMO-2019a

Customs tariff number	90241040
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CE Label	yes
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Technical data - Primary

Max. HLx	960
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Min. HLx	170
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Hardness scales	HLD
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Technical data - Construction

Dimension housing (W×D×H)	24×83×135 mm
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Material housing	plastic
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Technical data - Display

Display type	LCD touch
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Technical data - Power supply

Power supply	Battery & Power supply
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Battery type	Li-Ion
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Technical data - Measuring system

Readability (HLx)	1
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Tolerance (% from Max.)	1%
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Units	HB;HL;HRB;HRC;HV;MPa
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Test item - weight - minimum	3 kg
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Measuring probe - length	14,6 cm
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Measuring probe - diameter	2 cm
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Technical data - Functions

Averaging	yes
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Automatic Sensor detection	yes
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360° Measuring	yes
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Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	450×340×165 mm
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Gross weight	6 kg
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Net weight	4.6 kg
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Shipping method	Parcel service
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UN number	Li-Ion, packed with device (UN 3481, Packing Instruction #7, Lithium ion batteries in compliance with Section II of PI 967)
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Packaging component - by weight - cardboard	670 g
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Packaging component - by weight - styrofoam	400 g
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Packaging component - by weight - foam	40 g
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Delivery time	1 d
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Technical data - Counting data

Memory	yes
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Optional Services

Factory calibration	961-131
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FUNCTIONS

Standard



Option



ACCESSORIES

Model	Description
AHMR 01	Attachment sleeve AHMR 01
AHMO D02	Test block AHMO D02
AHMO D03	Test block AHMO D03
AHMO D04	Test block AHMO D04
HMO-A04	Cable SAUTER HMO-A04
AHMO DC	External recoil sensor (Type DC) SAUTER AHMO DC

SERVICES

Model	Description
961-132	Factory calibration KERN 961-132
961-131	Factory calibration KERN 961-131
970-109	Warranty extension KERN (+2 years) 970-109

SPARE PARTS

Model	Description
AHMO D	External recoil sensor (Type D) SAUTER AHMO D
AHMO D01	Impact body AHMO D01
HMO-A04	Cable SAUTER HMO-A04
HMO-A03	Internal Rechargeable Battery Pack KERN HMO-A03
HMO-A05	Cable SAUTER HMO-A05
AHMO D06	Attachment ring Leeb SAUTER AHMO D06

RELATED ARTICLES DATA

Model name	Max. HLx	Min. HLx	Hardness scales
HMO	960	170	HLD