

PRODUCT BROCHURE

SAUTER JCT 100

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ENGLISH



New-generation measuring coating thickness gauge

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PRODUCT SHOWCASE



DESCRIPTION

- Accurately determines the thickness of coats of paint or varnish on iron or non-iron base material
- Combination of magnetic and eddy current measuring methods enables particularly high levels of precision and flexibility. The base material is detected automatically
- Stable, reliable performance as well as non-destructive measuring
- Measuring range up to 2000 µm
- Low-wear sensor thanks to state-of-the-art technologies
- Single and two-point calibration
- Single and repeated measurements for pass/fail assessment. The three-colour LED display shows the current value attribute (green: qualified, red: below the limit value, yellow: above the limit value)
- The display rotates automatically and makes it easier for the user to read the measured values from many different angles, or alternatively it can be locked in place manually
- Selection of functions with automotive mode, voice transmission, Bluetooth App (for Android, no iOS support) and LED torch
- Bluetooth App (for Android, no iOS support) included for communication and applications
- Main application areas: Coating thickness measurement on metals in industry and research, for example in the automobile industry, metal processing, painting and inspection
- Delivery in a practical box

SPECIFICATIONS

Article codes, product groups & Status

information

Model article-code	JCT 100
Model-Serie	JCT
Assortment	Sauter
Product Type	Thickness measurement
Product group	Coating thickness gauges
Product usage type	Main article
EAN code (Model)	4045761367760
Customs tariff number	90318080
CE Label	yes

Technical data - Primary

Max. Coating Thickness	2000 µm
Readability	0.1 µm

Technical data - Construction

Dimension housing (W×D×H)	152×65×35 mm
Material housing	plastic

Technical data - Display

Display type	LCD graphic
Display digit height	240x320

Technical data - Power supply

Power supply	Rechargeable battery
Battery type	Li-Ion

Technical data - Measuring system

Tolerance (% from Max.)	2%
Units	µm;inch (mil)
Min. Coating Base	300 µm
Specification of the test object	Coatings on non-magnetic metals, type N;Non-magnetic coatings on iron, steel, Type F
Sensor type	FE;NFE
Smallest Sample (flat)	10 mm
Smallest Sample (convex)	1.5 mm
Smallest Sample (concave)	50 mm

Technical data - Functions

Statistic-Function	yes
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Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	250×198×50 mm
Gross weight	0.75 kg
Net weight	0.20 kg
Shipping method	Parcel service
UN number	Li-Ion, packed with device (UN 3481, Packing Instruction #7, Lithium ion batteries in compliance with Section II of PI 967)
Packaging component - by weight - cardboard	115 g
Delivery time	1 d











Technical data - Counting data

Memory	yes
Value memory - number of groups	55
Value memory - number of cells (per group)	60

Optional Services

Factory calibration	961-112
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FUNCTIONS

Standard							
 PEAK	 SCAN	 MEMORY	 USB	 BT	 STATISTIC	 UNIT	 TOL
 ACCU	 1 DAY						

ACCESSORIES

Model	Description
ATB-US07	Spacer Foils ATB-US07

SERVICES

Model	Description
961-112	Factory calibration KERN 961-112
970-017	Warranty extension KERN (+3 years) 970-017

SPARE PARTS

Model	Description
OBB-A1569	UK power supply unit KERN OBB-A1569

RELATED ARTICLES DATA

Model name	Max. Coating Thickness	Readability
JCT 100	2000 µm	0.1 µm