

PRODUCT BROCHURE

SAUTER DB 100-2

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ENGLISH



Convenient way to test the torque of tools

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PRODUCT SHOWCASE



DESCRIPTION

- Particularly suitable for testing torque wrenches, electric hand screwdrivers and cordless screwdrivers
- Metal housing for durable use in harsh environmental conditions
- Capacity display: A bar lights up to show how much of the measuring range is still available
- LCD graphics display with backlight
- Stable mounting plate for solid fixation
- Data interface USB and RS-232 included
- Internal data memory saves up to 500 measurements. The memory contents can be transferred to the PC using optional software
- Peak-Hold function to capture the peak value or Track function for continuous display of measurement
- Can be used in both directions of rotation
- Measuring with tolerance range (limit-setting function): Upper and lower limiting can be programmed individually. The process is supported by an audible and visual signal
- AUTO-OFF function
- Scope of delivery: Torque pick-up, sturdy carry case, mounting plate

SPECIFICATIONS

Article codes, product groups & Status information

Model article-code	DB 100-2
Model-Serie	DB

Assortment	Sauter
Product Type	Torque measurement
Product group	Torque gauges
Product usage type	Main article

EAN code (Model)	4045761193444
Customs tariff number	90318080
CE Label	yes

Technical data - Primary

Max. Torque	100 Nm
Readability	0.02 Nm

Technical data - Construction

Dimension housing (W×D×H)	180×110×45 mm
Material housing	coated metal

Technical data - Display

Display type	LCD graphic
Display digit height	128x64

Technical data - Power supply

Power supply	Battery & Power supply
Battery type	NiMH
Input voltage power supply / max. voltage	100 V - 240 V
Power socket for power supply unit	Hollow plug, inside plus, Ø outside 5.5mm, Ø inside 2.1mm, long 10.8mm
Mains adapter/adapter included	CH;EURO
Protection Class	Class III - Low voltage

Technical data - Measuring system

Tolerance (% from Max.)	0.5%
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Units	Nm, kgf/cm, kgf/m, in/lbs, ft/lbs
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Supported tool holders	3/8 "
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Technical data - Functions

Peak-Function	yes
Limit value	yes
Interface	RS-232 standard;USB-Device

Technical data - Environmental conditions

Maximum operating temperature	35 °C
Minimum operating temperature	15 °C
Maximum storage temperature	40 °C
Minimum storage temperature	-10 °C

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	370×322×113 mm
Gross weight	4.2 kg
Net weight	3.2 kg
Shipping method	Parcel service
UN number	Ni-MH (UN 3496, Packing Instruction #0, Not Restricted as per Special Provision A199)
Packaging component - by weight - cardboard	500 g
Packaging component - by weight - styrofoam	500 g
Delivery time	1 d

Technical data - Counting data

Memory	yes
Value memory - number of groups	1
Value memory - number of cells (per group)	500

Optional Services

Factory calibration	961-120
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FUNCTIONS

Standard	
 PEAK	 MEMORY
 RS 232	 USB
 STATISTIC	 UNIT
 TOL	 ZERO
 ACCU	 230 V
 1 DAY	
Option	
 SOFTWARE	 ISO +4 DAYS

ACCESSORIES

Model	Description
FL-A01	Interface cable FL-A01

SERVICES

Model	Description
961-120	Factory calibration KERN 961-120
970-109	Warranty extension KERN (+2 years) 970-109

SPARE PARTS

Model	Description
FL-A01	Interface cable FL-A01

Model	Description
FL-A03	Removable battery FL-A03
RDB-400 1	Keyboard overlay SAUTER RDB-400 1
RDB-200 1	Main board RDB-200 1
RDB-1007	RDB-1007
RDB-800 1	rubber foot SAUTER RDB-800 1
DB-A01	Power Adapter KERN DB-A01
FL-A10	Power Adapter KERN FL-A10

SOFTWARES

Model	Description
AFH FAST	Data Transfer Software SAUTER AFH FAST

RELATED ARTICLES DATA

Model name	Max. Torque	Readability
DB 0.5-4	0,5 Nm	0.1 mNm
DB 1-4	1 Nm	0.2 mNm
DB 5-3	5 Nm	0.001 Nm
DB 10-3	10 Nm	0.002 Nm
DB 20-3	20 Nm	0.005 Nm
DB 50-2	50 Nm	0.01 Nm
DB 100-2	100 Nm	0.02 Nm
DB 200-2	200 Nm	0.05 Nm
DB 500-2	500 Nm	0.1 Nm