

PRODUCT BROCHURE

SAUTER DB 1-4

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ENGLISH



Convenient way to test the torque of tools

CONTACT

KERN & SOHN GmbH
Ziegelei 1
72336 Balingen
Germany

Phone : +49 7433 9933-0
Fax : +49 7433 9933-149
Email : info@kern-sohn.com
Web : www.kern-sohn.com



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PRODUCT SHOWCASE



ENGLISH

DESCRIPTION

- Particularly suitable for testing torque wrenches, electric hand screwdrivers and cordless screwdrivers
- Screw joint simulator for dynamic testing of electric 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
- Rubber feet with anti-slip feature
- 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

SPECIFICATIONS

Article codes, product groups & Status information

Model article-code	DB 1-4
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Model-Serie	DB
Assortment	Sauter
Product Type	Torque measurement

Product group	Torque gauges
Product usage type	Main article
EAN code (Model)	4045761193468
Customs tariff number	90318080
CE Label	yes

Technical data - Primary

Max. Torque	1 Nm
Readability	0.2 mNm

Technical data - Construction

Dimension housing (W×D×H)	180×110×56 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/adaptor included	CH;EURO
Protection Class	Class III - Low voltage

Technical data - Measuring system

Tolerance (% from Max.)	0.5%
Units	Nm, kgf/cm, kgf/m, in/lbs, ft/lbs
Supported tool holders	20 mm; 3/8 "

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)	372×322×110 mm
Gross weight	3.2 kg
Net weight	2.2 kg
Shipping method	Parcel service
UN number	Ni-MH (UN 3496, Packing Instruction #0, Not Restricted as per Special Provision A199)

Packaging component - 505.5 g
by weight - cardboard

Packaging component - 505.5 g
by weight - styrofoam

Delivery time 1 d

Technical data - Counting data

Memory yes

Value memory - number 1
of groups

Value memory - number 500
of cells (per group)

Optional Services

Factory calibration 961-120

FUNCTIONS

Standard



Option



ACCESSORIES

Model	Description
FL-A01	Interface cable FL-A01

SERVICES

Model	Description
961-120	Factory calibration KERN 961-120

Model	Description
970-108	Warranty extension KERN (+2 years) 970-108

SPARE PARTS

Model	Description
FL-A01	Interface cable FL-A01
FL-A03	Removable battery FL-A03
RDB-4001	Keyboard overlay SAUTER RDB-4001
RDB-2001	Main board RDB-2001
RDB-1002	RDB-1002
RDB-8001	rubber foot SAUTER RDB-8001
DB-A01	Power Adapter KERN DB-A01
DB-A03	Adapter KERN DB-A03
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