

# KERN DB 100-2

Convenient way to test the torque of tools

# KERN



## Category

Brand	Sauter
Product category	Torque measuring device
Product group	Torquemeter for Tools
Product family	DB

## Measuring System

Units	Nm, kgf/cm, kgf/m, in/lbs, ft/lbs
Tolerance (% of [Max])	0,5%
Measuring range torque [Min]	5 Nm
Measuring range torque [Max]	100 Nm
Readability torque [d] (Nm)	0,02 Nm
Supported torque pickups	3/8 "
Overload protection (% of [Max])	120%
Internal data memory: Number of value groups	1
Internal data memory: Number of individual values	500
Internal measuring frequency	1000 Hz

## Approval

CE mark	✓
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## Display

Display type	LCD graphic
Display resolution	128×64

## Construction

Dimension (W×D×H)	200×100×50 mm
Dimensions device (W×D×H)	200×100×50 mm
Dimension housing (W×D×H)	180×110×45 mm

Dimensions completely mounted (W×D×H)	200×100×50 mm
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Material housing	metal, lacquered
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## Functions

Auto-off interval(s) in battery mode/rechargeable battery mode	1 - 60 min
Peak function	✓
Limit-setting function	✓
Memory function	✓
Interfaces	RS-232 standard USB-Device

## Power Supply

Input voltage power supply / power [Max]	100 V - 240 V
Input voltage device / power [Max]	9 V, 500 mA
Plug-in power supply type	Power adapter
Supplied power supply	Battery & Power supply
Plug-in power supply / adapter for countries - included with the delivery	EURO CH
	EURO
Plug-in power supply / adapter for countries - optional	AUS UK US CH
Rechargeable battery charging time	14 h
Rechargeable battery operating time - backlight off	18 h
Battery / accumulator type	NiMH
Battery connection	2-pole tub connector
Battery capacity	750 mAh
Battery voltage	4,8 V

## Environmental conditions

Ambient temperature [Min]	15 °C
Ambient temperature [Max]	35 °C
Storage temperature [Min]	-10 °C
Storage temperature [Max]	40 °C

## Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	370×322×113 mm
Net weight	3,02 kg
Shipping method	Parcel service
Net weight approx.	3,2 kg
Gross weight approx.	4,2 kg

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Shipping weight 4,02 kg

## Services (optional)

Article number for factory calibration 961-120

## Pictograms

### STANDARD



### OPTION

