

# KERN DB 1-4

# KERN

Convenient way to test the torque of tools



Dimensions completely mounted (W×D×H) 180×110×56 mm

Material housing metal, lacquered

## 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 Accu & Power supply

Plug-in power supply / adapter for countries - included with the delivery EURO  
CH

Plug-in power supply / adapter for countries - optional EURO  
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) 372×322×110 mm

Net weight 2,152 kg

Shipping method Parcel service

Net weight approx. 2,2 kg

Gross weight approx. 3,2 kg

## 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] 0,05 Nm

Measuring range torque [Max] 1 Nm

Readability torque [d] (Nm) 0,2 mNm

Supported torque pickups 20 mm  
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 ✓

## 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) 180×110×56 mm

# KERN DB 1-4



Convenient way to test the torque of tools

Shipping weight 3,163 kg

## Services (optional)

Article number for factory calibration 961-120

## Pictograms

### STANDARD



### OPTION

