SAUTER **DB 50-2**

Convenient way to test the torque of tools



Date of creation: 24.10.2026

Category

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

Measuring System

Supported torque pickups	20 mm 3/8 "
Measuring range torque [Max]	50 Nm
Readability torque [d] (Nm)	0,01 Nm
Internal data memory: Number of value groups	1
Overload protection (% of [Max])	120%
Units	Nm, kgf/cm, kgf/m, in/lbs, ft/lbs
Internal measuring frequency	1000 Hz
Tolerance (% of [Max])	0,5%
Internal data memory: Number of individual values	500
Measuring range torque [Min]	2,5 Nm

Display

Display type	LCD graphic
Display resolution	128×64

Construction

Dimension (W×D×H)	200×100×50 mm
Dimension housing (W×D×H)	220×110×60 mm
Dimensions device (W×D×H)	200×100×50 mm
Dimensions completely mounted (W×D×H)	220×110×60 mm
Material housing	metal, lacquered

Functions

Peak function	✓
Auto-off interval(s) in battery mode/rechargeable battery mode	1 - 60 min
Memory function	✓
Limit-setting function	✓

Interface

Interfaces	RS-232 standard USB-Device

Power Supply

Supplied power supply	Accu & Power supply
Power supply type	Power adapter
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
Input voltage power supply / power [Max]	100 V - 240 V
Input voltage device / power [Max]	9 V, 500 mA
Power socket for mains adapter	Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,1 mm, long 10,8 mm
Battery / accumulator type	NiMH
Battery connection	2-pole tub connector
Battery capacity	750 mAh
Battery voltage	4,8 V
Battery – Individual weight	50 g
Rechargeable battery operating time - backlight off	18 h
Rechargeable battery charging time	14 h
Battery/Accu connected	fixed electrical connection, not insulated

Environmental conditions

Ambient temperature [Min]	15 °C

SAUTER **DB 50-2**

Convenient way to test the torque of tools

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

Services (optional)

Article number for factory calibration	961-120

Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	370×325×110 mm
Shipping method	Parcel service
Net weight approx.	3,4 kg
Gross weight approx.	4,6 kg
Shipping weight	4,401 kg
Shipping volume weight	2,6 kg

Product information

GTIN/EAN number	4045761193505
Trade number	90318080
Warranty Time	36 mon
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

