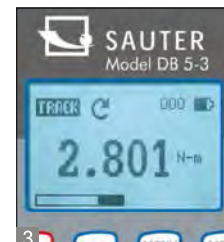


NEW
PREMIUM
★★★


Convenient way to test the torque of tools

Features

- 1 Particularly suitable for testing torque wrenches, electric hand screwdrivers and cordless screwdrivers
- 2 **Torque pick-up system** for dynamic testing of electric screwdrivers
- Metal housing** for continuous use in tough environmental conditions
- 3 **Capacity display:** A bar lights up to show how much of the measuring range is still available.
- 3 **LCD graphics display** with backlight
- Rubber feet with anti-slip feature** at SAUTER DB 0.5-4 up to DB 10-3
- Stable mounting plate** for solid fixation at SAUTER DB 20-3 up to DB 500-2
- USB** and **RS-232** data interfaces included

- Scope of delivery: Torque pick-up, sturdy carry case, mounting plate (models with [Max] ≥ 20 Nm)
- **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
- **Function to set limits**, programming of Max./Min., in pull and push direction, with output of acoustic and optical signal. Ideal mode for efficient and accurate testing of standard parts
- **AUTO-OFF function**

Technical data

- 3 Backlit LCD graphics display
- Units can be selected: Nm, lbf-in, kgf-cm, kgf-m, ft-lbf
- Precision: $\pm 0,5\%$ of [Max]
- Measuring frequency: 1000 Hz
- Usable measuring range: 5 – 100 % of [Max]
- Overload protection: 150% of [Max]
- Rechargeable battery pack integrated, standard, operating time up to 18 h without backlight, charging time approx. 14 h
- Overall dimensions WxDxH 200x100x50 mm
- Net weight approx. 3 kg

Accessories

- **Torque-time data transfer software** for data transfer to PC, please ask for details, AFH FAST

STANDARD



OPTION



Model	Measuring range [Max] Nm	Readout [d] Nm	Tool fitting mm/Zoll	Option ISO Calibration Certificate	
				ISO KERN	
SAUTER					
DB 0.5-4	0.5	0,0001	20 mm & 3/8"	961-120	
DB 1-4	1	0,0002	20 mm & 3/8"	961-120	
DB 5-3	5	0,001	20 mm & 3/8"	961-120	
DB 10-3	10	0,002	20 mm & 3/8"	961-120	
DB 20-3	20	0,005	20 mm & 3/8"	961-120	
DB 50-2	50	0,01	20 mm & 3/8"	961-120	
DB 100-2	100	0,02	3/8"	961-120	
DB 200-2	200	0,05	1/2"	961-120	
DB 500-2	500	0,05	3/4"	961-120	

 Adjusting program (CAL): For quick setting of the balance's accuracy. External adjusting weight required.	 Data interface Infrared: To transfer data from the balance to a printer, PC or other peripheral devices.	 Battery operation: Ready for battery operation. The battery type is specified for each device.
 Calibration block: standard for adjusting or correcting the measuring device.	 Control outputs (optocoupler, digital I/O): to connect relays, signal lamps, valves, etc.	 Rechargeable battery pack: rechargeable set.
 Peak hold function: capturing a peak value within a measuring process.	 Analogue interface: to connect a suitable peripheral device for analogue processing of the measurements.	 Mains adapter: 230V/50Hz in standard version for EU. On request GB, AUS or USA version available.
 Scan mode: continuous capture and display of measurements.	 Statistics: using the saved values, the device calculates statistical data, such as average value, standard deviation etc.	 Power supply: Integrated, 230V/50Hz in EU. More standards e.g. GB, AUS or USA on request.
 Push and Pull: the measuring device can capture tension and compression forces.	 PC Software: to transfer the measurements from the device to a PC.	 Motorised drive: The mechanical movement is carried out by a motorised drive.
 Length measurement: captures the geometric dimensions of a test object or the movement during a test process.	 Printer: a printer can be connected to the device to print out the measurements.	 Fast-Move: the total length of travel can be covered by a single lever movement.
 Focus function: increases the measuring accuracy of a device within a defined measuring range.	 GLP/ISO record keeping: of measurements with date, time and serial number. Only with SAUTER printers.	 ISO Calibration: The time required for ISO calibration is shown in days in the pictogram.
 Internal memory: to save measurements in the device memory.	 Measuring units: Weighing units can be switched to e.g. non-metric at the touch of a key. Please refer to website for more details.	 Package shipment: The time required for internal shipping preparations is shown in days in the pictogram.
 Data interface RS-232: bidirectional, for connection of printer and PC.	 Measuring with tolerance range: Upper and lower limiting can be programmed individually, e.g. for sorting and dosing.	 Pallet shipment: The time required for internal shipping preparations is shown in days in the pictogram.
 Data interface USB: To connect the balance to a printer, PC or other peripheral devices.	 ZERO: Resets the display to "0".	 Warranty: The warranty period is shown in the pictogram.

Your SAUTER specialist dealer: