



03

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 (from SAUTER DB 0.5-4 to DB 50-2)
- Metal housing for continuous use in tough 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 at SAUTER DB 0.5-4 up to DB 10-3
- **3** Stable mounting plate for solid fixation at SAUTER DB 20-3 up to DB 500-2
- USB and RS-232 data interfaces standard
- 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-Funktion 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

Technical data

- Backlit LCD graphics display
- Units can be selected: Nm, lbf-in, kgf-cm, kgf-m, ft-lbf
- Measuring precision: ± 0,5 % of [Max]
- 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 W×D×H 200×100×50 mm
- Net weight approx. 3 kg

Accessories

- Plug-In for data transfer of measuring data from the measuring instrument and transfer to a PC, e.g. in Microsoft Excel®, SAUTER AFI-1.0, **€ 90,-**
- Force-time data transfer software with graphic display of the measurement process, SAUTER AFH FAST, **€ 115,-**
- USB/PC connection cable, standard, SAUTER FL-A01, **€ 46,-**

STANDARD



OPTION



| Model | Measuring range [Max] Nm | Readout [d] Nm | Tool fitting mm/Inch | Price excl. of VAT ex works € | Option Factory calibration certificate | |
|-----------------|--------------------------------|----------------------|-------------------------|----------------------------------------|-------------------------------------------|-------|
| | | | | | KERN | € |
| SAUTER DB 0.5-4 | 0,5 | 0,0001 | 20 mm & 3/8" | 1490,- | 961-120 | 187,- |
| DB 1-4 | 1 | 0,0002 | 20 mm & 3/8" | 1490,- | 961-120 | 187,- |
| DB 5-3 | 5 | 0,001 | 20 mm & 3/8" | 1490,- | 961-120 | 187,- |
| DB 10-3 | 10 | 0,002 | 20 mm & 3/8" | 1490,- | 961-120 | 187,- |
| DB 20-3 | 20 | 0,005 | 20 mm & 3/8" | 1690,- | 961-120 | 187,- |
| DB 50-2 | 50 | 0,01 | 20 mm & 3/8" | 1690,- | 961-120 | 187,- |
| DB 100-2 | 100 | 0,02 | 3/8" | 1690,- | 961-120 | 187,- |
| DB 200-2 | 200 | 0,05 | 1/2" | 1690,- | 961-120 | 187,- |
| DB 500-2 | 500 | 0,05 | 3/4" | 1690,- | 961-120 | 187,- |