

SAUTER DB 500-2

KERN

Convenient way to test the torque of tools



Category

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

Measuring System

| | |
|---|-----------------------------------|
| Measuring range torque [Min] | 25 Nm |
| Measuring range torque [Max] | 500 Nm |
| Readability torque [d] (Nm) | 0,1 Nm |
| Supported torque pickups | 3/4 " |
| Overload protection (% of [Max]) | 120% |
| Units | Nm, kgf/cm, kgf/m, in/lbs, ft/lbs |
| Internal data memory: Number of individual values | 500 |
| Internal data memory: Number of value groups | 1 |
| Internal measuring frequency | 1000 Hz |
| Tolerance (% of [Max]) | 0,5% |

Display

| | |
|--------------------|-------------|
| Display type | LCD graphic |
| Display resolution | 128×64 |

Construction

| | |
|---------------------------------------|------------------|
| Dimension (W×D×H) | 200×100×50 mm |
| Dimension housing (W×D×H) | 180×110×45 mm |
| Dimensions device (W×D×H) | 200×100×50 mm |
| Dimensions completely mounted (W×D×H) | 220×110×55 mm |
| Material housing | metal, lacquered |

Functions

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

Interface

| | |
|------------|-------------------------------|
| Interfaces | RS-232 standard USB-Device |
|------------|-------------------------------|

Power Supply

| | |
|---|-------------------------------|
| Supplied power supply | Accu & Power supply |
| Plug-in 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 |
| Battery / accumulator type | NiMH |
| Battery connection | 2-pole tub connector |
| Battery capacity | 750 mAh |
| Battery voltage | 4,8 V |
| Rechargeable battery operating time - backlight off | 18 h |
| Rechargeable battery charging time | 14 h |

Environmental conditions

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

Approval

| | |
|---------|---|
| CE mark | ✓ |
|---------|---|

Services (optional)

| | |
|--|---------|
| Article number for factory calibration | 961-120 |
|--|---------|

SAUTER DB 500-2



Convenient way to test the torque of tools

Packing & Shipping

| | |
|------------------------------|----------------|
| Delivery time | 1 d |
| Dimensions packaging (W×D×H) | 370×325×115 mm |
| Shipping method | Parcel service |
| Net weight approx. | 4,0 kg |
| Gross weight approx. | 4,8 kg |
| Shipping weight | 4,787 kg |

Pictograms

STANDARD



OPTION

