



Distance measurement directly in machines or sites with RS-232 interface

Features

- **Digital sliding calliper with a superior precision** even at high operation speed
- **Easy mounting** to machine tools, conveyer, test stands etc.
- Zeroing, pre-added and pre-reduced length as well as switching the unit can be done manually
- **Data interface RS-232**, standard
- **Selectable measuring units:** mm, inch

Technical data

- Dimensions housing W×D×H 77×43×34 mm
- Battery operation, batteries standard (3V CR2032)

Accessories

- **RS-232/PC connection cable**, SAUTER LB-A01
- **Mounting the length measuring device** onto a SAUTER test stand at the factory, SAUTER LB-A02
















STANDARD



OPTION



| Model | Measuring range [Max] mm | Readout [d] mm | Direction of measurement | Option Factory calibration certificate | |
|---------------------|--------------------------------|----------------------|--------------------------|-------------------------------------------|--|
| | | | | KERN | |
| SAUTER LB 200-2. | 200 | 0,01 | vertical | 961-150 | |
| LB 300-2. | 300 | 0,01 | vertical | 961-150 | |
| LB 500-2. | 500 | 0,01 | vertical | 961-150 | |

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|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
|  | Adjusting program (CAL): For quick setting of the balance's accuracy. External adjusting weight required. |  | Control outputs (optocoupler, digital I/O): to connect relays, signal lamps, valves, etc. |  | Rechargeable battery pack: rechargeable set. |
|  | Calibration block: standard for adjusting or correcting the measuring device. |  | 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. |
|  | Peak hold function: capturing a peak value within a measuring process. |  | 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. |
|  | Scan mode: continuous capture and display of measurements. |  | PC Software: to transfer the measurements from the device to a PC. |  | Motorised drive: The mechanical movement is carried out by an electric motor. |
|  | Push and Pull: the measuring device can capture tension and compression forces. |  | Printer: a printer can be connected to the device to print out the measurements. |  | Motorised drive: The mechanical movement is carried out by a synchronous motor (stepper). |
|  | Length measurement: captures the geometric dimensions of a test object or the movement during a test process. |  | GLP/ISO record keeping: of measurements with date, time and serial number. Only with SAUTER printers. |  | 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. |  | 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. |  | DAkKS calibration possible: The time required for DAkKS calibration is shown in days in the pictogram. |
|  | Internal memory: to save measurements in the device memory. |  | Measuring with tolerance range (limit-setting function): Upper and lower limiting can be programmed individually. The process is supported by an audible or visual signal, see the relevant model |  | Factory calibration: The time required for factory calibration is specified in the pictogram. |
|  | Data interface RS-232: bidirectional, for connection of printer and PC. |  | ZERO: Resets the display to "0". |  | Package 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. |  | Battery operation: Ready for battery operation. The battery type is specified for each device. |  | Pallet shipment: The time required for internal shipping preparations is shown in days in the pictogram. |
|  | Data interface Infrared: To transfer data from the balance to a printer, PC or other peripheral devices. | | | | |

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