Digital length measuring device SAUTER LB







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 WxDxH 77x43x34 mm
- Battery operation, batteries standard (3V CR2032)

Accessories

- Interface cable, SAUTER LB-A01
- Mounting the length measuring device onto a SAUTER test stand at the factory, SAUTER LB-A02

STANDARD















Model	Measuring range	Readout	Direction of measurement	Option ISO Calibration Certificate
	[Max]	[d]		ISO
SAUTER	mm	mm		KERN
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

SAUTER Pictograms:





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:

Push and Pull:

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.

by a single lever movement.



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:

and compression forces.

captures the geometric dimensions of a test object or the movement during a test process.

the measuring device can capture tension



Printer:

a printer can be connected to the device to print out the measurements.



Fast-Move:

the total length of travel can be covered



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.



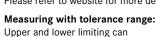
Internal memory:

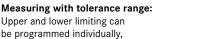
to save measurements in the device memory.



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.







1 DAY

Pallet shipment:

Package shipment:

The time required for internal shipping preparations is shown in days in the pictogram.

The time required for internal

shipping preparations is shown in days in the pictogram.



Warranty: The warranty period is shown in the pictogram.



Data interface RS-232:

bidirectional, for connection of printer and PC.



Data interface USB:

To connect the balance to a printer, PC or other peripheral devices.



TOL

ZERO:

Resets the display to "0".

e.g. for sorting and dosing.

Your SAUTER specialist dealer: