Sound level meter SAUTER SU





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Professional sound level meter, Class II

Features

- **Professional sound level meter** for measuring noise in areas such as, for example, the environment, mechanical applications, car industry and much more
- Measures the sound intensity in the workplace
- Helps in differentiating between normal noise influences, and excessive noise, e.g. in a production hall
- 1 **Data interface RS-232**, included
- 2 Delivered in a hard carrying case
- **Multi measuring functions:**
  Lp: Standard sound level measuring function
  Leq: Energy equivalent sound level measuring mode (type A)
  Ln: Shows the deviation from a pre-defined limit in %
- Selectable methods of evaluation:
  A: As sensitive as the human ear
  C: Sensitive for noisier environmental conditions, where there are machines, plant, motors etc.
  F: For areas where sound intensity does not vary
- **Function to set limits:** Programmable target value for go/no-go test values
- **TRACK function** for continuous recording of variable environmental conditions
- **Peak Hold Mode** to capture peaks
- **Internal memory for measured values**, for 30 measurements. Can be displayed on the PC

Technical data

- Dimensions WxDxH 236x63x26 mm
- Battery operation, batteries not standard (4 x 1.5 V AAA)
- Net weight approx. 170 g

Accessories

- **Data transfer software**, interface cable included, SAUTER ATC-01
- **Adjustment device** for regular adjustment of the sound level meter, SAUTER ASU-01

STANDARD



OPTION



Model SAUTER	Type	Measuring range [Max] dB	Readout [d] dB	
SU 130.	Lp A	30 - 130	0,1	
	Lp C	35 - 130		
	Lp F	35 - 130		

SAUTER GmbH · c/o KERN & SOHN GmbH · Ziegelei 1 · 72336 Balingen · Germany · Tel. + 49-[0]7433-9933-0 · Fax + 49-[0]7433-9933-149 · **www.sauter.eu**

SAUTER Pictograms:



Adjusting program (CAL):
For quick setting of the balance's accuracy. External adjusting weight required.



Calibration block:
standard for adjusting or correcting the measuring device.



Peak hold function:
capturing a peak value within a measuring process.



Scan mode:
continuous capture and display of measurements.



Push and Pull:
the measuring device can capture tension and compression forces.



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



Focus function:
increases the measuring accuracy of a device within a defined measuring range.



Internal memory:
to save measurements in the device memory.



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.



Data interface Infrared:
To transfer data from the balance to a printer, PC or other peripheral devices.



Control outputs (optocoupler, digital I/O):
to connect relays, signal lamps, valves, etc.



Analogue interface:
to connect a suitable peripheral device for analogue processing of the measurements.



Statistics:
using the saved values, the device calculates statistical data, such as average value, standard deviation etc.



PC Software:
to transfer the measurements from the device to a PC.



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



GLP/ISO record keeping:
of measurements with date, time and serial number. Only with SAUTER printers.



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.



Measuring with tolerance range:
Upper and lower limiting can be programmed individually, e.g. for sorting and dosing.



ZERO:
Resets the display to "0".



Battery operation:
Ready for battery operation. The battery type is specified for each device.



Rechargeable battery pack:
rechargeable set.



Mains adapter:
230V/50Hz in standard version for EU. On request GB, AUS or USA version available.



Power supply:
Integrated, 230V/50Hz in EU. More standards e.g. GB, AUS or USA on request.



Motorised drive:
The mechanical movement is carried out by a motorised drive.



Fast-Move:
the total length of travel can be covered by a single lever movement.



ISO Calibration:
The time required for ISO calibration is shown in days in the pictogram.



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



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



Warranty:
The warranty period is shown in the pictogram.

Your SAUTER specialist dealer: