

SAUTER



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
- 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 $% \left({{{\mathbf{x}}_{i}}} \right)$
- 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
- Foam plastics protective cover, SAUTER ASU-02

STANDARD							OPTION
						2 _{YEARS}	
PEAK	MEMORY	RS 232	TOL	BATT	1 DAY	WARRANTY	SOFTWARE

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

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.



of measurements.

Scan mode:



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

continuous capture and display



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.

of printer and PC.



Data interface RS-232 bidirectional, for connection



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.



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

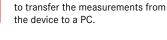


Analogue interface: to connect a suitable peripheral device for analogue processing of the measurements.



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

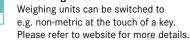






GLP/ISO record keeping: of measurements with date, time and

Measuring units:





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





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.



230 V

Power supply:

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



The mechanical movement is carried out by a motorised drive.



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.



The warranty period is shown in the pictogram.

Your SAUTER specialist dealer:







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

Printer:

GLP PROTOCOL

S UNIT





ZERO:

Resets the display to "0".







VARRANTY



serial number. Only with SAUTER printers.

MOTOR

Motorised drive:

Fast-Move: