PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

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SAUTER SU 130

Versatile sound level meter

ENGLISH

CONTACT

KERN & SOHN GmbH
Ziegelei 1
72336 Balingen
Germany

+49 7433 9933-0
info@kern-sohn.com
www.kern-sohn.com

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FEATURES

- Sound level meter with basic functions for measuring noise in areas such as, 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, nuisances e.g. in a production hall
- Data interface RS-232, included
- 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 with constant sound intensity
- Limit value function: programmable value for the maximum level value
- Track function for continuous recording of changing environmental conditions
- Peak Hold function to capture peak value
- Internal memory for 30 measured values, transferable to PC with SAUTER ATC-01
- Delivered in a robust carrying case

TECHNICAL DATA

- Measuring precision: 3% of [Max]
- Overall dimensions W×D×H 236×63×40 mm
- Battery operation, batteries standard (4×1.5 V AAA)
- Net weight approx. 0,20 kg

MAIN SCOPE OF APPLICATIONS

- Schools
- Workplace
- Transport
- Industry and assembly hall
- Automotive industry

PICTOGRAMS

Standard

Option

MODEL OVERVIEW

Model	Measuring range [Min]	Measuring range [Max]	Readability [d]	Sound level measuring modes	Sound level methods of evaluation
SU 130	30 dB	130 dB	0,1 dB	• Lp • Leq • Ln	• A • C • F

ACCESSORIES

Model	Description
ATC-01	Software ATC-01

SOFTWARE

Model	Description
ATC-01	Software ATC-01

SERVICES

Model	Description
961-281	Factory calibration certificate 961-281
970-012	Warranty extension (+2 years) 970-012

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KERN Pictogram Overview

	Peak hold function: capturing a peak value within a measuring process
	Memory: Device-internal memory capacity, e.g. for article data, measuring data, tare weights, PLU etc.
	Data interface RS-232: For connection to printers, PCs or other peripheral devices for data transfer over longer distances. Network in bus topology possible
	Measuring with tolerance range (checkweighing): Upper and lower limit values can be programmed, e.g. for sorting, portioning or for measuring coatings or material thicknesses. The process is supported by an acoustic and/or optical signal
	Battery operation: Ready for battery operation
	Package shipment by courier service: The duration of internal product provision is one day
	PC Software: to transfer the measurements from the device to a PC
	Factory calibration (ISO): Factory calibration takes 4 working days

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