PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

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SAUTER SU 150

Energy-efficient sound level meter for precise measurements in industry and the environment

ENGLISH

CONTACT

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APPLICATION EXAMPLE

FEATURES

- Measurement of noise levels with output in decibels (dB)
- Long operating time of up to 20 hours thanks to energy-efficient power consumption
- Selectable methods of evaluation:
  A: As sensitive as the human ear
  C: Sensitive to noisier environmental conditions, where there are machines, plant, motors, etc.
- Manual or automatic range selection depending on requirements
- Fast (125 ms) and slow (1 s) response modes for adapting to different noise scenarios
- Internal measured value memory for 63 measurements for later evaluation
- Data-hold function, to freeze the current measurement
- Simulated analogue bar for quick visualisation of the measurement values
- Measuring with tolerance range (function to set limits): Upper and lower limits can be programmed. The measurement process is supported by a visual signal
- Peak Hold function to capture peak value
- AC/DC analogue signal output for further data processing
- Supplied in a practical bag

TECHNICAL DATA

- Measuring precision: ± 1,5% of [Max]
- Frequency range: 31,5 Hz – 8 kHz
- Battery operation, batteries standard (4×1.5 V AA), AUTO-OFF-function to preserve the battery (can be switched off)
- Overall dimensions 273×69×39 mm
- Net weight approx. 0,40 kg

MAIN SCOPE OF APPLICATIONS

- Noise assessment at the workplace
- Environmental monitoring
- Industrial noise measurement
- Construction site monitoring
- Events and public facilities

PICTOGRAMS

Standard

Option

MODEL OVERVIEW

Model	Measuring range [Min]	Measuring range [Max]	Readability [d]	Sound level measuring modes	Sound level methods of evaluation
SU 150	30 dB	130 dB	0,1 dB	• Leq • Lcpeak	• A • C

ACCESSORIES

Model	Description
ASU-01	Sound Calibration Generator ASU-01
SW-A05	Column SW-A05

SERVICES

Model	Description
961-281	Factory calibration certificate 961-281
963-281	DAkkS calibration certificate 963-281

Model	Description
970-014	Warranty extension (+3 years) 970-014

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.
	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
	Factory calibration (ISO): Factory calibration takes 4 working days
	Accredited calibration (DKD): The duration of the accredited calibration is 3 working days

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