



Class 1



Description

The **SC-250 is a class 1 sonometer** that can be upgraded to a **band spectrum analyzer**. It is the **first integrating sonometer with measurement protocols**, which **simplifies the process to obtain the results to the maximum**.

Standard Equipment

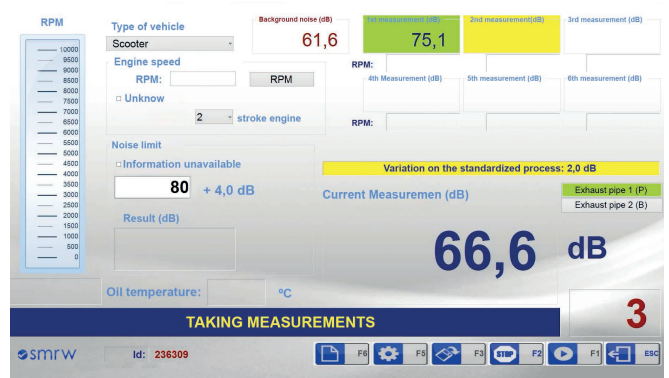
- ✓ Sonometer SC-250
- ✓ Protective case
- ✓ Native equipment software + SMRW software

Technical Data and Dimensions

Lpeak detector	Rising time <math>< \mu 75</math>
Resolution	0.1 dB
Max error due to static pressure influence	0.4 - 0.9 dB
Max error due to temperature influence	0.5 dB
Max error due to humidity influence	0.5 dB
Connectivity	Bluetooth, USB C, AC
Dimensions and weight	296 x 85 x 26.5 mm 358 g (with batteries)



Software



Measurement ranges and noises

FREQUENCIAL AND TEMPORAL WEIGHTING		
Class according to ICE 61672	Class 1	
Frenquencial weighting	A, C and Z	
Temporal weighting	F, S and I	
Weighting A (dB)	Weighting C (dB)	Weighting Z (dB)
MEASUREMENT RANGE (LF, LS, LI, LT Y LT)		
16.5 - 137.0	16.3 - 137.0	19.9 - 137.0
LINEAL RANGE (LF, LS, LI, LT Y LT)		
23.5 - 137.0	23.3 - 137.0	26.9 - 137.0
RANGE FOR LPEAK FUNCTIONS		
-	55.0 - 137.0	-
ELECTRICAL NOISE		
10.2	11.2	16.4
TOTAL NOISE AT 20° C		
16.5	16.3	19.9

Optional Equipment

Optional equipment	
	Sonometer calibrator
	Tripod
	10 m extension cable
	30 m extension cable
	Sonometer + calibrator + transport suitcase