



Class 2



Description

The **SC-202 is a class 2 sonometer** that can be upgraded to an **octave band and third octave band spectrum analyzer** that measures all parameters simultaneously with all **frequential and temporal weightings**.

Standard Equipment

- ✓ Sonometer SC-202
- ✓ Protective case
- ✓ Native equipment software + SMRW Software

Technical Data and Dimensions

Lpeak detector	Rising time < μ 75
Resolution	0.1 dB
Max error due to static pressure influence	0.7 - 1.6 dB
Max error due to temperature influence	1.0 dB
Max error due to humidity influence	1.0 dB
Connectivity	via 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	Clas2 2	
Frequencial 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	25.5 - 137.0	33-3 - 137.0
LINEAL RANGE (LF, LS, LI, LT Y LT)		
30.5 - 137.0	34.1 - 137.0	38-3 - 137.0
RANGE FOR LPEAK FUNCTIONS		
-	55.0 - 140.0	-
ELECTRICAL NOISE		
12.7	12.5	17.7
TOTAL NOISE AT 20° C		
25.5	29.1	33.3

Optional Equipment

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