



HTA102

Rel. 1.00 of 23/04/18

Class 2 SLM instrument with PC connection

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1. TECHNICAL SPECIFICATIONS

Accuracy is referred to $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$, $<80\%\text{RH}$

SOUND PRESSURE LEVEL (SPL)

Range [dB]		Dynamic range	Resolution	Accuracy	Frequency Weighting	Frequency range
Lo	30 ÷ 80	50dB	0.1dB	$\pm 1.4\text{dB}$	A, C	31.5Hz ÷ 8kHz
Med	50 ÷ 100					
Hi	80 ÷ 130					
Auto	30 ÷ 130					

TIME INTEGRATION

Function	Integration time
FAST	125ms
SLOW	1s

ANALOGICAL OUTPUT

Type	Output voltage	Output impedance
AC	1Vrms respect selected FS	100 Ω
DC	10mV/dB	1k Ω

2. GENERAL SPECIFICATIONS

Display and output interfaces

- LCD, 4 digits, custom, with backlight and bargraph
- Display update: 2/s
- Output PC connector: mini USB
- Microphone $\frac{1}{2}$ " Electret condenser

Recordings

- Sample interval selectable within 1s and 59s
- Max 32700 recordings saved inside internal memory
- Real-time recordings with supplied SoundView software

Mains supply

- 1x9V alkaline battery type IEC 6F22
- Battery life: ca 30 hours
- External adapter: 100-240VAC, 50/60Hz, 0.3A / 9VDC, 500mA
- Auto Power OFF: after 15min of idleness

Environmental conditions

- Working temperature / humidity: 0°C ÷ 40°C / <90%RH
- Storage temperature / humidity: -10°C ÷ 60°C / <75%RH
- Max height of use: 2000m

Mechanical specifications

- Dimensions (L x W x H): 260 x 65 x 50mm
- Weight (with battery): 280g
- Mechanical protection: IP40

Reference guidelines

- SPL measurement: IEC61672-1 Class 2
- EMC: IEC/EN61326-1

This instrument satisfies the requirements of EMC Directive 2014/30/EU

This instrument satisfies the requirements of European Directive 2011/65/EU (RoHS) and 2012/19/EU (WEEE)

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