



Catalogues and Products > Air-Conditioning > Measurement Instruments, Temperature and Humidity > **Digital Sound Level Meter**

## DIGITAL SOUND LEVEL METER

For noise pollution control

### Product informations

The electronic digital sound level meter is a device capable of detecting the noise level generated by refrigeration units in operation, and thus the degree of noise pollution; this instrument also allows recalibration with the help of the internal oscillator.

Battery operated.

SOUND LEVEL METER STRUCTURE	
1	MICROPHONE
2	4-DIGIT LCD DISPLAY
3	ON/OFF BUTTON
4	LCD BACKLIGHT BUTTON
5	FREQUENCY WEIGHTING SELECTION BUTTON
6	RESPONSE TIME SELECTION BUTTON
7	RANGE SELECTOR BUTTON
8	MAXIMUM BLOCK / DATA BLOCK SELECTOR BUTTON
9	BATTERY COMPARTMENT AT THE BACK
10	CALIBRATION POTENTIOMETERS IN THE BATTERY COMPARTMENT


**SOUND LEVEL METER STRUCTURE**

11	COVER
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**Technical Features**

<b>BANDWIDTH MEASUREMENT</b>	31.5 HZ TO 8 KHZ
<b>MICROPHONE</b>	0.5" ELECTRET CAPACITOR
<b>DYNAMIC RANGE</b>	65 DB
<b>MEASURING RANGE</b>	35 TO 130 DB (LOW: 35 TO 100 - HIGH: 65 TO 130 DB)
<b>FREQUENCY WEIGHTING</b>	"A" AND "C" (SELECTABLE)
<b>ACCURACY</b>	± 1,5 DB
<b>RESOLUTION</b>	± 0,1 DB
<b>MAXIMUM BLOCK DECAY TIME</b>	< 1 DB / 3 MIN
<b>LEAD TIME</b>	<ul style="list-style-type: none"> <li>• FAST: 125 MILLISECONDS</li> <li>• SLOW: 1 SECOND</li> </ul>
<b>REQUIRED CALIBRATION SOURCE</b>	1 KHZ SINE WAVE AT 94 DB
<b>POWER SUPPLY</b>	9V BATTERY
<b>BATTERY LIFE</b>	50 HOURS
<b>AUTOMATIC SHUT-DOWN</b>	AFTER ABOUT 15 MINUTES OF INACTIVITY
<b>WORKING TEMPERATURE</b>	0°C ÷ 40°C
<b>ENVIRONMENTAL WORKING CONDITIONS</b>	WITH HUMIDITY FROM 10% TO 90% RH
<b>DISPLAY</b>	4-DIGIT BACKLIT LCD DISPLAY
<b>DISPLAY REFRESH RATE</b>	0.5 SECONDS
<b>DIMENSIONS</b>	240X68X25 MM



## Digital Sound Level Meter

<b>WEIGHT</b>	210 G
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SKU	MODEL	PRICE
00000011584	DIGITAL ELECTRONIC SOUND METER	€820.0 VAT EXCLUDED

