

# DIGITAL SOUND LEVEL METER

# SL-4010

## GENERAL SPECIFICATIONS

This unit conforms to the IEC651 type 2, ANSI S1.4 type 2 for Sound Level Meter has been designed to meet the measurement requirements of safety Engineering's, Health, Industrial safety offices and sound quality control in various environment.

- Range from 30dB to 130dB at frequencies between 31.5Hz and 8KHz.
- Display with 0.1B steps on a 4-digits LCD
- With two equivalent weighted sound pressure levels, A & C

## ELECTRICAL SPECIFICATIONS

<b>Standard applied</b>	IEC651 type 2, ANSI S1.4 type 2
<b>Frequency range</b>	31.5Hz – 8KHz
<b>Measuring level range</b>	30 – 130dB
<b>Frequency weighting</b>	A/C
<b>Microphone</b>	½ inch electrical condenser microphone
<b>Calibration</b>	Electrical calibration with the internal oscillator (1kHz sine wave)
<b>Display</b>	LCD
<b>Digital display</b>	4 digits
<b>Resolution</b>	0.1 dB
<b>Display Up data</b>	0.5 sec.
<b>Times weighting</b>	FAST (125mS), SLOW (1 sec.)
<b>Level ranges</b>	Lo: 30-100dB Hi: 65-130dB
<b>Accuracy</b>	± 1.5dB (under reference conditions)
<b>Alarm function</b>	“OVER” is shown when input is out of range
<b>Maximum hold</b>	Hold readings the Maximum Value, with decay < 1dB/3minutes.
<b>Power supply</b>	One 9V battery, 006P or IEC 6F22 or NEDA 1604.
<b>Power life</b>	About 50hrs (alkaline battery)
<b>Operation temperature</b>	0°C to 40°C (32°F to 140°F)
<b>Operation humidity</b>	10 to 90% RH
<b>Storage temperature</b>	-10°C to 60°C (14°F to 140°F)
<b>Storage humidity</b>	10 to 75% RH
<b>Dimensions</b>	210 (L) x 55(W) x 32 (H)mm
<b>Weight</b>	230g (including battery)
<b>Accessories</b>	9V battery, carry case, Instruction manual.



Technical Specifications & Appearance are subject to change without prior notice



## MCM INSTRUMENTS

(Machine Condition Monitoring Instruments) **An ISO 9001:2008 Certified**

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