

## FEATURES

- Dynamic range of 60dB
- A&C frequency weightings
- USB interface
- Sound level alarm output

# RS PRO ISO-TECH SLM1353M Sound Level Meter 8kHz 30dB→130 dB

RS Stock No.: 123-2226



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

## Product Description

From the trusted RS PRO brand, the SLM1353M is a great value, easy-to-use integrating sound level meter with USB interface. The USB serial port is used for downloading records or real-time analysis to a computer. Both AC and DC signal outputs are available from a single standard 3.5 mm coaxial socket suitable for use with a frequency analyser, level recorder, FFT analyser or graphic recorder.

## General Specifications

<b>Model Number</b>	SLM1353M
<b>Sound Level Measurement Range</b>	30dB to 130dB
<b>Selectable ranges</b>	5 ranges in 10dB-dB step : 30dB ~ 90dB , 40dB~100dB , 50dB ~ 110dB , 60dB ~ 120dB , 70dB~130dB
<b>Frequency Range</b>	31.5 Hz to 8KHz
<b>Resolution</b>	0.1 dB
<b>Accuracy Class</b>	ANSI S 1.4: 1983 Type 2, IEC 61672-1:2013 Class 2
<b>Frequency Weighting</b>	A, C
<b>Measurement Parameters</b>	SPL, Leq, SEL, MaxL, MinL, Ln (5%, 10%, 50%, 90%, 95%)
<b>Output</b>	1Vrms ( at full scale ) , 10mVDC / dB
<b>Display Type</b>	LCD
<b>Data Logging</b>	Yes
<b>Interface Type</b>	USB
<b>Applicable Standards</b>	IEC61672-1 : 2003 Class 2 , IEC60651 : 1979 Type 2 IEC60804 : 1985 Type 2 , ANSI S1.4 : 1983 Type 2

## Electrical Specifications

<b>Power Source</b>	Four 1.5V LR-6/AA size cell, AC adapter
<b>Battery Type</b>	AA
<b>Battery Life</b>	about 24 hours

## Mechanical Specifications

<b>Dimensions</b>	265mm (L) x 72mm (W) x 21mm(H)
<b>Height</b>	21mm
<b>Width</b>	72mm
<b>Depth</b>	265mm
<b>Weight</b>	Approx. 310g

## Operation Environment Specifications

<b>Operating Humidity</b>	R.H.< 90% non-condensing
<b>Operating Temperature Range</b>	-10°C to 50°C (14°F to 122°F)

## Approvals

<b>Compliance/Certifications</b>	RoHS
<b>Declarations</b>	







## SPECIFICATIONS

<b>Applicable standards</b>	IEC61672-1 : 2003 Class 2 , IEC60651 : 1979 Type 2 IEC60804 : 1985 Type 2 , ANSI S1.4 : 1983 Type 2
<b>Measurement item</b>	SPL, Leq, SEL, MaxL, MinL, Ln (5%, 10%, 50%, 90%, 95%)
<b>Measurement level</b>	30dB to 130dB
<b>Linearity range</b>	60dB
<b>Measurement frequency range</b>	31.5 Hz to 8KHz
<b>Frequency weight</b>	A and C
<b>Time weight</b>	Fast, Slow and Impulse
<b>Microphone</b>	1/2 inch Electret condenser microphone
<b>Measurement level range</b>	5 ranges in 10-dB step : 30 ~ 90dB , 40 ~ 100dB , 50 ~ 110dB , 60 ~ 120dB , 70 ~ 130dB
<b>Digital display</b>	4 digit LCD , 0.1dB resolution, updated every 1s
<b>Quasi-analog bar indicator</b>	1-dB steps, 60dB display range , updated every 0.125s
<b>Display Warning function</b>	
<b>Overrange indicator</b>	Displayed at the upper limit
<b>Underrange indicator</b>	Displayed at the lower limit
<b>Analog AC / DC output</b>	1Vrms ( at full scale ) , 10mVDC / dB
<b>Power supply</b>	Four 1.5V LR-6/AA size cell, AC adapter
<b>Battery Life</b>	about 24 hours
<b>Operating temperature , humidity</b>	-10°C to 50°C ( 14°F to 122°F ) R.H. < 90% non-condensing
<b>Dimensions</b>	265 (L) x 72(W) x 21(H)mm, ( 10.4" L x 2.8" W x 0.8" H )
<b>Weight</b>	Approx. 310g
<b>Accessories</b>	Instruction manual , Battery , Carrying case , Adjustment screwdriver , Software , Wind shield, USB connecting cable, 3.5φ plug
<b>Optional accessories</b>	Microphone extension cable, Tripod.