

Sound Level Meter

Optional accessories (For Sound Level Measurement)

114 dB/250 Hz calibration sound source

Pistonphone NC-72A



- Suitable for RION microphones including 1 inch, 1/2 inch, and 1/4 inch diameter types and similar-diameter types such as the MR-103
- Unit is powered by alkaline or manganese batteries and rated for 13 hours of continuous use, giving a battery life of about two years if used for 1 to 2 minutes a day

Specifications

Applicable standards	JIS C 1515: 2004 (IEC 60942: 2003) Class LS/C JIS C 1515: 2004 (IEC 60942: 2003) Class 1/C (when using supplied barometer)
Nominal sound pressure level	114 dB, sound pressure level tolerance ± 0.15 dB (101.325 kPa)
Frequency	250 Hz ± 1 %
Distortion	2.5 % or less
Temperature range	-10 °C to +55 °C
Humidity range	10 % to 90 %RH (no condensation)
Dimensions, Weight	Approx. 60 (H) \times 170 (W) \times 40 (D) mm, approx. 740 g (including batteries)

Compensation for atmospheric pressure not required

Sound Calibrator NC-74



- Compact, lightweight, convenient sound calibrator fully suitable for calibration of Sound level meters
- Powered from two size AA alkaline batteries giving more than 30 hours continuous operation at room temperature
- Automatic compensation function for atmospheric pressure changes

Specifications

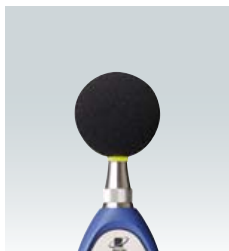
Applicable standards	JIS C 1515: 2004 Class 1, IEC 60942: 2003 Class 1
Compatible microphones	1 inch, 1/2 inch types
Nominal sound pressure level	94 dB ± 0.3 dB
Nominal frequency	1 000 Hz
Dimensions, Weight	Approx. 49 (H) \times 80 (W) \times 74 (D) mm, approx. 200 g (including batteries)

Reduce adverse effects of wind noise

Windscreens



WS-15



WS-16

Type	Model
Windscreen for 1/2 inch microphones	WS-10
Windscreen for 1 inch microphones	WS-01
Windscreen for 1/4 inch microphones	WS-05
All-weather windscreen	WS-15
Windscreen mounting adapter	WS15006
Rain-protection windscreen (For NL-42/52/62)	WS-16

For stationary sound level measurement

Tripods



ST-80



ST-81

Type	Model	Lowest position (mm)	Highest position (mm)	Weight (g)
Sound level meter tripod (compatible with extension rod)	ST-80	570	1 460	1 500
Extension rod (for ST-80)	ST-80-100	1 170	2 060	610
All-weather windscreen tripod	ST-81	1 350	2 150	3 200
Compact tripod	5SLIK	400	1 150	580

Memory Card (CompactFlash / SD Card)

Commercially available memory cards (CompactFlash cards) may differ in specifications even among identical models from the same manufacturer.



When using RION equipment designed to handle memory cards, operation is guaranteed only when using memory cards from RION.

CF cards

Type	Model
256 MB memory card	MC-25LC1
2 GB memory card	MC-20CF2

Usage limitations

VM-53AMax. 256 MB
NA-28, DA-20Max. 2 GB
DA-40Max. 4 GB (dedicated card, see page 40.)

SD cards

Type	Model	Supported models
512 MB SD card	MC-51SD1	For NL-42/52/62
	MC-51SS1	For VA-12
2 GB SD card	MC-20SD2	For NL-42/52/62, DA-21
	MC-20SS2	For VA-12

Reduction of wind noise for tunnel experiment

1/2 inch Nose Cone (For UC-30, UC-31) UA-31



UA-31

External power supply for sound level meters and vibration meters

Battery Pack BP-21A

- Holds four IEC R20 (size D) batteries
- Provides double battery life of IEC R14 (size C) or four times the battery life of IEC R6 (size AA) batteries



Specifications

Dimensions, Weight	80 (H) \times 170 (W) \times 50 (D) mm, approx. 1.1 kg
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