

Optional accessories (For Sound Level Measurement)

114 dB/250 Hz calibration sound source

Pistonphone
NC-72B 

- Suitable for high-precision calibration of 1, 1/2, and 1/4 inch microphones
- Powered by AA batteries (alkaline, manganese, NiMH) x 6, alkaline for 15 hours and NiMH for 13 hours continuous use at room temperature

Specifications

Applicable standards	IEC 60942:2017 class LS/M, class 1/M, ANSI/ASA S1.40-2006 (R2016) class LS/C, class 1/C, JIS C 1515:2020 class LS/M, class 1/M
Nominal sound pressure level	114 dB Specified sound pressure level tolerance ± 0.1 % (101.325 kPa)
Nominal frequency	250 Hz Specified frequency tolerance ± 0.1 %
THD + noise rating of generated sound	2.0 % max. (22.4 Hz to 22.4 kHz)
Static pressure	65 kPa to 108 kPa
Ambient temperature/Relative humidity	-10 °C to +55 °C, 10 % to 90 %RH (no condensation)
Dimensions, Weight	Approx. 62 (H) x 44 (W) x 170 (D) mm, approx. 750 g (including batteries)

Compensation for atmospheric pressure not required

Sound Calibrator
NC-75 

- Compact, lightweight, and easy to use unit that meets the performance requirements for calibrating high-precision sound level meters
- Operates on two IEC R6 (size AA) batteries (alkaline or nickel-hydrate), enabling continuous operation for at least 50 hours at room temperature
- Supplied with JCSS Calibration Certificate

Specifications

Applicable standards	IEC 60942: 2017 class 1, JIS C 1515: 2020 class 1
Compatible microphones	1 inch, 1/2 inch, and 1/4 inch types
Nominal sound pressure level	94 dB
Nominal frequency	1 000 Hz
Dimensions, Weight	Approx. 42 (H) x 77 (W) x 70 (D) mm, approx. 200 g (including batteries)

Option

1/4-inch microphone adapter	NC-75-S11
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Reduce adverse effects of wind noise
Windscreens

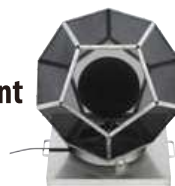
WS-15



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

Dual Windscreen to minimize influence of wind noise

Noise Measurement for wind turbine
Dual Windscreen for Wind Turbine Noise Measurement
TWS-01Acoustic Power Level measurement for wind turbine
Windscreen
KWS-03For 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	405	1 220	695

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 three times the battery life of IEC R6 (size AA) batteries

Specifications

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

SD cards

Type	Model	Supported models
512 MB SD card	MC-51SD1	For NL-42/52/62, VM-55/56
	MC-51SS1	For VA-12
2 GB SD card	MC-20SD2	For NL-42/52/62, DA-21, RIONOTE, VM-55/56
	MC-20SS2	For VA-12
32 GB SD card	MC-32SP3	For NL-42/52/62, DA-21, RIONOTE, VM-55/56