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 as the MR-103
- Unit is powered by alkaline batteries and rated for 10 hours of continuous use, giving a battery life of about two years if used for 1 to 2 minutes a day

**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
- Distortion & noise: 0.1 dB (101.325 kPa)
- Temperature range: -10 °C to +55 °C
- Humidity range: 10 % to 90 %RH (no condensation)
- Dimensions, Weight: Approx. 42 (H) × 77 (W) × 70 (D) mm, approx. 200 g (including batteries)

This product is environment-friendly. It does not include toxic chemicals on our policy.

Compensation for atmospheric pressure not required

**Sound Calibrator NC-75**

- 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) × 77 (W) × 70 (D) mm, approx. 200 g (including batteries)

This product is environment-friendly. It does not include toxic chemicals on our policy.

Reduce adverse effects of wind noise

**Windscreens**

- **WS-15**
  - Windscreen for 1/2 inch microphones
  - Windscreen for 1 inch microphones
  - Windscreen for 1/4 inch microphones
  - All-weather windscreen
  - Windscreen mounting adapter
  - Rain-protection windscreen (For NL-42/52/62)

- **WS-16**
  - Windscreen for 1/2 inch microphones
  - Windscreen for 1 inch microphones
  - Windscreen for 1/4 inch microphones
  - All-weather windscreen
  - Windscreen mounting adapter
  - Rain-protection windscreen (For NL-42/52/62)

**Specifications**

- Applicable standards: IEC 60942: 2017 class LS/M and class 1/M, JIS C 1515: 2020 class LS/M and class 1/M
- Nominal sound pressure level: 114 dB, sound pressure level tolerance ±0.10 dB (101.325 kPa)
- Frequency: 250 Hz ±0.7 %
- Distortion & noise: 2.0 % or less (22.4 Hz to 22.4 kHz)
- Temperature range: −10 °C to +55 °C
- Humidity range: 10 % to 90 %RH (no condensation)
- Dimensions, Weight: Approx. 60 (H) × 170 (W) × 40 (D) mm, approx. 740 g (including batteries)

This product is environment-friendly. It does not include toxic chemicals on our policy.

For stationary sound level measurement

**Tripods**

- **ST-80**
  - All-weather windscreen tripod
- **ST-81**
  - Compact tripod

**Specifications**

- Applicable standards: IEC 60942: 2017 class LS/M and class 1/M, JIS C 1515: 2020 class LS/M and class 1/M
- Nominal sound pressure level: 114 dB, sound pressure level tolerance ±0.10 dB (101.325 kPa)
- Frequency: 250 Hz ±0.7 %
- Distortion & noise: 2.0 % or less (22.4 Hz to 22.4 kHz)
- Temperature range: −10 °C to +55 °C
- Humidity range: 10 % to 90 %RH (no condensation)
- Dimensions, Weight: Approx. 60 (H) × 170 (W) × 40 (D) mm, approx. 740 g (including batteries)

This product is environment-friendly. It does not include toxic chemicals on our policy.

**Reduction of wind noise for tunnel experiment**

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

- **UA-31**

**Specifications**

- Applicable standards: IEC 60942: 2017 class LS/M and class 1/M, JIS C 1515: 2020 class LS/M and class 1/M
- Nominal sound pressure level: 114 dB, sound pressure level tolerance ±0.10 dB (101.325 kPa)
- Frequency: 250 Hz ±0.7 %
- Distortion & noise: 2.0 % or less (22.4 Hz to 22.4 kHz)
- Temperature range: −10 °C to +55 °C
- Humidity range: 10 % to 90 %RH (no condensation)
- Dimensions, Weight: Approx. 60 (H) × 170 (W) × 50 (D) mm, approx. 1.1 kg

This product is environment-friendly. It does not include toxic chemicals on our policy.

**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: Approx. 60 (H) × 170 (W) × 50 (D) mm, approx. 1.1 kg

**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: MC-20CF1
    - Supported models: For NL-42/52/62, VM-55/56
  - Type: MC-20CF2
    - Supported models: For NL-42/52/62, VM-56/62, DA-21, RIONOTE, VM-55/56
- SD cards:
  - Type: MC-20CF1
    - Supported models: For NL-42/52/62, VM-55/56
  - Type: MC-20CF2
    - Supported models: For NL-42/52/62, VM-55/56

This product is environment-friendly. It does not include toxic chemicals on our policy.