

All about electrostatics, our know-how is yours!

Portable, Correct, Speedy Air Ion Counter



- Step 1 : 0~ 2million ions/cm³
- Step 2 : 0~ 20million ions/cm³
- Step 3 : 0~ 200million ions/cm³

SICA-2

Portable, Accurate, Prompt touchless type ion counter. With Sunje's innovative ion sensing technology, positive and negative ions in the air can be measured from min.2million ions/cm³ to max.200million ions/cm³.



Key Features

- Measures positive and negative air ions up to 200million ions/cc
- Meter Calibration/Re-zeroing functions are built-in
- Small and Light weight (6V alkaline battery)
- Measurement up to 15 continuous hours
- Peak hold mode displays the highest positive or negative value
- Power saving through the standby function
- Measuring positive and negative ions by selecting the polarity

Specifications

Parameter	Description / Value
Range / Resolution	2million or 200million Selectable scales / 10(ions per cc)
Accuracy	+/- 20% with a repeatability 5%
Noise	20 ions / cc(1 second averaging)
Size	7.25 X 4.0 X 1.75 inches (197 X 102 X 45mm)
Weight	20 oz(567g)
Power	Battery - 4AA alkaline(~10 hour life) or AD Adapter
Warranty	1 year

- ※ If measured outside, Ion may disappear by itself because of unexpected exterior natural factors and this can result in inaccurate measurement.
- ※ The appearance and specification of the product may be changed without prior notice for the improvement of the product.

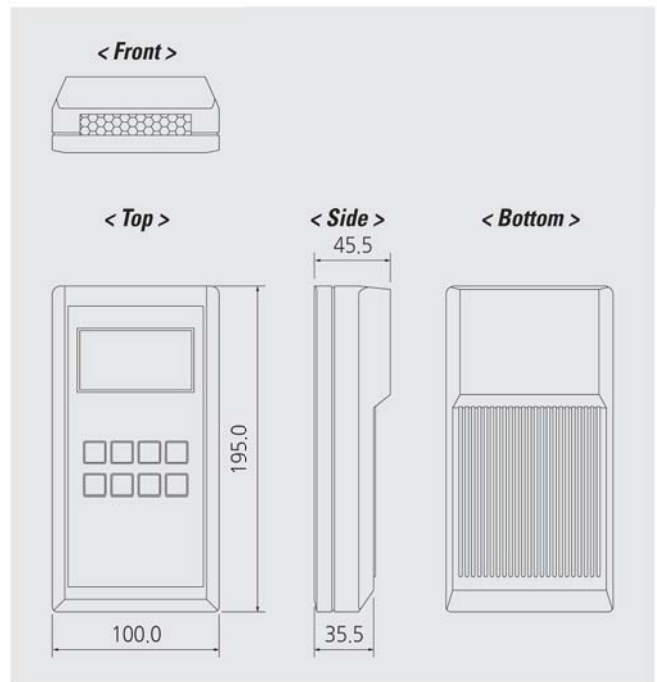
Nomenclatures of parts

The diagram shows the SICA-2 Ion Counter with the following labeled parts:

- Ion Inlet**: Located at the top of the device.
- Back Lit Graphic Display**: The central screen showing the device's interface.
- Power Adapter Jack**: Located on the left side of the device.
- Ground**: A connection point on the right side.
- Ion outlet**: Located at the bottom of the device.
- Button**: A cluster of control buttons on the screen.

Button	Function
Power	Power On / Off
Ion Polarity	Select the ion polarity of the object
Scale	Measurement range setting
Standby	Standby ready
Peak Mode	Peak Mode Setting
Reset Peak	Reset the Peak Value
Record	Not supported function
Calibrate	Measuring initialization

Dimensions



How to use

▶ Operation

1. After turning the meter on Select the POLARITY you want to measure.
2. When changing polarity the display count will immediately jump, but it will stabilize within 6 seconds.
3. This meter reads the negative ions in the air when POLARITY is on "-", and positive on "+".
4. Overcharge can cause reduced positive ions and negative ions value.
5. If the ions are almost no there, measurement values may contain errors even if measure at close range.
6. Without some mechanism for circulating the air, you may see the ion count go low, then high, then low, irregularly as a "cloud" of ions sloshes back and forth.

▶ Precautions for Operation

- Inhale/measuring the ion at the ion inlet when the product is during operation. And then ejected ion from the outlet at the bottom of the product. Do not block the ion inlet and ion outlet. There may be an error in the measurement value.
- The 20-foot long ground wire should be used to connect the meter to earth ground for most types of measurements. Especially if you are measuring near an ionizer.
- For accurate readings of the average number of ions in a room, avoid measuring near charged plastic like synthetic fabric(clothing).
- Overcharge is may affect the ion measurement value. Do not overcharge for accurate measurements.
- When not measuring, place the meter in STANDBY mode to conserve battery power.