



② This  symbol shows that negative '-' ions are being measured. To measure positive '+' ions press 'Polarity'. Note that the symbol will change to . Wait 10 seconds for the reading to stabilize each time 'Polarity' is pressed.

③ The air to be tested is pulled in the top of the meter. Do not block the air intake.

① To operate, press power.

The display will turn on, and the fan will start.

④

Hold the meter still while making measurements. Moving the meter near static electricity will cause readings to fluctuate until the meter is held stationary.



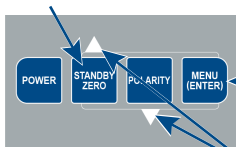
⑤ There may be an offset present in the readings that should be 'zeroed'. To zero the meter, press 'Standby Zero' and note that 'Rezero' is automatically selected. Press 'Menu(Enter)' to zero and wait for the animation to count down. Press 'Standby Zero' again to exit and begin measuring.



⑥ The ground (earthing) wire should be plugged in here. Connect the other side of the cord to an available ground. Readings taken without a ground connection may be inaccurate.

⑦ The AIC3ST will now read the number of negative ions per cubic centimeter, in thousands. For example, a reading of $-2.50 \times 10^3 / \text{cc}$ means 2,500 negative ions/cc.

- ⑧ **'Standby Zero' can be pressed** at any time to save power. During Standby mode, the top right number should average 0.10 or less. If it is much more than this value, a rezero should be preformed again.



- ⑨ **Other settings are found** by pressing 'Menu(Enter)' for zero, data, and display and to see system information.
To navigate in the menu, use the 'Standby Zero' and 'Polarity' buttons (white up/down arrows).

- ⑩ **To Download the full AIC3ST Users Manual**



Want to talk to someone about what you are measuring?

Call Toll-Free (USA) 1-800-658-7030

Or Call 1-801-487-9492

WEEKDAYS 9AM-5PM MST

or email mail@trifield.com