

# Ion Meter



The Air+ Ion Meter is designed to measure both positive and negative ions either indoors or outdoors. Ideal indoor ion levels range from 500 to 1,500 ions per cubic centimeter (ions/cm<sup>3</sup>). The meter can be used by the installer to verify the operation of the ionization equipment or by a building owner/manager to verify ongoing ion levels. To provide a more stable reading, the averaging period can be increased to reduce fluctuations. The meter has a scale switch which changes the maximum reading from 2 million ions/cm<sup>3</sup> to 200 million ions/cm<sup>3</sup>. The meter utilizes a rechargeable battery which provides 6-7 hours of continuous meter operation. The meter can be charged via any USB power source.

## SPECIFICATIONS:

Ion Polarity: .....	Positive, Negative or Dual Polarity (Selectable)	Environmental: .....	Temp: -20°C to 43°C, RH: 0-85% RH non-condensing, Wind: < 9 mph
Measurement Range: .....	2 million or 200 million Ions/cm <sup>3</sup> (Selectable)	Battery: .....	2,000 mAh rechargeable lithium-ion, UN38.3 certified 6-7 operating hours. Charging via any USB power source
Measurement Accuracy: ...	± 20%, Repeatability 5%	Charger, Included: .....	Input 110V-240V, 0.35A. Output 5V DC, 1A
Averaging: .....	1 to 15 seconds (Selectable)	Dimensions: .....	6.5"H x 3"W x 1.5D" See Figure 1 – Dimensions
Peak Value: .....	Continually saved, peak reset	Weight: .....	13 oz
Real Time Data Output: ...	MicroSD, 32G max.	Display: .....	Graphic 128x64 pixels, backlit, 2.5"x1.3"
Data Recording: .....	On command or automatic at selectable intervals	Run Time on Battery: ..	6-7 hours
PC Application: .....	Real time data plotting and record retrieval	Carrying Case: .....	12" x 10.6" x 2.7", 1.1 lbs
Calibration: .....	Zero reference verification and Self Test- Selectable	Accessories Included: ...	ESD shielding cap, Earthing ground cable with connectors, 3-in-1 kickstand, wall mount, and tripod mount

Figure 1 - Dimensions

