

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/cm³). The meter can be used by the installing contractor 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 meter utilizes five second averaging to reduce any fluctuations. The meter has a scale switch which changes the maximum reading from 2 million ions/cm³ to 200 million ions/cm³. The meter has (4) AA alkaline batteries which provides about 16 hours of continuous meter operation. The meter can also be plugged into any wall outlet, but will not charge the batteries.

SPECIFICATIONS:

<p>Ion Polarity: Positive or Negative (Selectable)</p> <p>Measurement Range: 2 million or 200 million Ions/cm³ (Selectable)</p> <p>Measurement Accuracy: ± 20%, Repeatability 5%</p> <p>Averaging: 2, 5 or 14 seconds (Selectable)</p> <p>Peak Value: Continually saved</p> <p>Real Time Data Output: Micro USB Port</p> <p>Data Recording: On command or automatic at selectable intervals</p> <p>PC Application: Real time data plotting and record retrieval</p> <p>Calibration: Zero reference verification and Self Test- Selectable</p>	<p>Environmental: -1°C to 43°C, 0-90% RH non-condensing Wind , < 9 mph</p> <p>Power - Internal: Battery - 4 AA Alkaline (~16 hour life) Consumption 75mA, 17mA in standby mode</p> <p>Power - External: 6 to 9V DC regulated or unregulated 2.1mm Power Jack 9VDC regulated, 200mA Adapter</p> <p>Casing Material: Graphite Coated ABS</p> <p>Dimensions: 7 5/8" x 4" x 1 3/4"</p> <p>Weight: 20 oz</p> <p>Display: Graphic 128x64 pixels, backlit, 2.5"x1.3"</p> <p>Run Time on Battery: 16 Hours</p> <p>Charger: Universal 120V 50/60 Hz</p> <p>Ground Reference: 20 ft cable with alligator clip provided</p>
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Figure 1 - Dimensions

