

## AIC-3 PRO 음이온측정기



- 이온 밀도, 즉 공기 중의 입방 센티미터당 이온 수(ions/cc)를 측정하도록 설계된 휴대용 미터입니다.

- 양이온과 음이온에 대해 이 숫자를 별도로 측정합니다(+ 및 - 이온은 일반적으로 동시에 존재함).

- 미터는 2백만 및 2억 이온/cc의 이중 저울을 제공합니다. 비교를 위해 일반적인 실내 환경에는 + 및 - 모두 100 ~ 1000 ions/cc가 있습니다. 2억 이온/cc 범위는 전기 이온화 장치 또는 강력한 방사성 소스에 가까운 측정에 적합한 기기입니다.

- 데이터 기록, 날짜/시간 스탬프 – 이동식 MicroSD 카드에 저장  
데이터 스트리밍, 기록 업로드 및 플로팅 - 포함된 PC 앱을 통해 장기간 무인 작동을 위한 자동 제로화 – 선택 가능한 기기입니다.

### 제품 상세설명

### PRODUCT DETAIL

## Description

The AIC3Pro comes packed full with all these features:

Dual Polarity Display with Sum

Ranges, 2 million ions/cc, or 200 million ions/cc – Selectable

Data Recording, Date/Time Stamped – Stored on Removable MicroSD Card

Data Streaming, Record Uploading, and Plotting – via Included PC App

Automatic re-zero for long-term unattended operation – Selectable

Peak Level Capture

Averaging – Selectable

Rechargeable Li Battery

Tripod Mount, Wall Mount, and Dest Top Kick Stand

Deluxe Carrying Case

SPECIFICATIONS:	
<b>Ion Polarity</b>	Positive, Negative, or Dual polarity with Sum – Selectable.  In dual polarity mode, polarities are alternately updated every 7.5 sec.
<b>Ion Scale Range</b>	2 million or 200 million ions/cc – Selectable
<b>Ion Resolution</b>	10 ions/cc in 2 million scale, 1000 ions/cc in 200 million scale
<b>Ion Accuracy</b>	+/- 20%*, repeatability 5%
<b>Averaging</b>	None or 1 second to 15 seconds – Selectable
<b>Peak Value</b>	Selectable (in single polarity mode only)
<b>Data Recording</b>	Date and Time stamped files in a standard CSV format (supported by most data analysis software). Includes Ion Level, temperature, and humidity. In dual polarity mode, both polarities and sum are recorded. Data is recorded onto a removable MicroSD, 32GB max.

<b>Streaming/Plotting</b>	AlphaApp (free of charge Windows PC application) provides real-time data streaming, recorded data uploading, and plotting via a supplied 6' USB cable.
<b>Humidity Sensor</b>	+/- 2% Relative Humidity
<b>Meter Zeroing</b>	Zero reference calibrated and self-test – Selectable Automatic re-zeroing for long term unattended operation None or 3, 6, 12, or 24hr – Selectable
<b>Auto Shutdown</b>	None or 5, 15, 30, or 60min. – Selectable
<b>Display</b>	128x128 pxl LCD, Backlight level is Selectable
<b>Battery</b>	2,000mAh rechargeable lithium-ion, UN38.3 certified 6-7 operating hours, Charging via USB C port with any USB power source
<b>Charger (Included)</b>	Input 110-240V, 50-60Hz, .35A, Output 5VDC, 1A
<b>Environmental Limits</b>	Temp -20°C to 43°C, Humidity 0-85% non-condensing Wind, <15km/hr (9mph)
<b>Accessories (Included)</b>	ESD shielding cap, Earthing ground cable with connectors. 3-in-1 kickstand, wall mount, and tripod mount. Deluxe protective carrying case.
<b>Meter Size</b>	6.6" x 3" x 1.5" (166.7mm x 76.2mm x 38.1mm)
<b>Meter Weight</b>	12.9 oz. (366 grams)
<b>Carry Case</b>	12" x 10.6" x 2.7" (305mm x 269mm x 69mm), 1.1 lbs. (.5kg)
<b>FCC Compliance</b>	Part 15
<b>CE Compliance</b>	EMC: BS EN 55032:2015/Cor 1:2016, BS EN 61000-3-2:2019, BS EN 61000-3-3:2013+A1:2017, BS EN 55035:2017/A11:2020 RoHS: EN 50581:2012