The Alphaboost Static Control System (ABS) Alphie extends the uses and applications of the ABS by incorporating a stand, allowing more flexibility in laboratory environments where static electricity causes problems such as attraction of particulate to a product or tool.

By using the ABS system, where a deflection voltage from the controller sends pulses to the mounted 2U500 cartridge located on the arm, the ionized air molecules project out, eliminating static. **Alphie provides a flexible, wide range of ionization for environments that are sensitive to propelled air and require more surface coverage to ensure that your sample is stable.**

Unlike corona style ionizers, Alphaboost Alphie does not generate Nano-particles, does not accumulate airborne molecular contamination, does not have emitter points to erode, and does not require frequent cleaning and re-balancing.

Alphie comes complete with one (1) 2U500 Staticmaster ionizing cartridge, one (1) BF3 EZ Mount, one (1) Head, and one (1) Controller; preset for ease of setup and use.
**Staticmaster® Alphaboost™ Alphie**

**MODEL AB-TC-1B**

**ALPHA**

### SCHEMATICS

![Schematic Diagrams]

### SPECIFICATIONS

**Activity:** (MODEL 2U500): 0.5 mCi (18.5 MBq)

**Balance:** ±0 V

**Dimensions (Controller):** 4.3in W x 1.9in H x 7.1in L (108.5 mm x 48.6 mm x 180.7 mm)

**Dimensions (MODEL BF6):** 3in W x 20.22in H x 5in L (76.2 mm x 513.59 mm x 127 mm)

**Dimensions (MODEL 2U500):** 0.93in W x 0.25in H x 3in L (23.6 mm x 6.4 mm x 76.2 mm)

**Effective Distance:** 1.5 in to 6 in (38.1 mm to 152.4 mm)

**Enclosure (MODEL 2U500):** Stainless Steel housing

**Enclosure (Controller):** Aluminum Alphaboost

**LED Indicators:** Green - Normal; Red - Fail

**Operating Voltage:** 24 V DC

**Power Supply Input Voltage:** 100–240 V AC

**Technology:** Alpha

**DECAY RATE:** <15 seconds (±1000 to 100V), @ 6 inches

### ACCESSORIES

- **Alphaboost™ 4-1 Splitter (One Alphaboost™ Controller can power up to four Heads using the 4-1 Splitter)**
  - MODEL AB-SPL

- **Alphaboost™ Single Balance Extender Kit (Includes one Head with a 2-meter cable, one 2U500 ionizing cartridge and one BF3 EZ Mount)**
  - MODEL AB-EK

### MAINTENANCE

Product is supplied complete with ionizers. It is necessary to replace ionizers every 12 months to maintain peak effectiveness.

**NOTE ON ION SOURCE:** All NRD ion sources are encapsulated in precious metals by means of a special process. This results in a static eliminator which, unlike competitive products, resists oxidation, solvents, heat, cold and vibration. This device is not serial numbered.

**NOTICE:** NRD expressly warrants that, for a period of one (1) year from the time of purchase, the ionizer will be free of defects in material (parts) and workmanship (labor).

NRD exempt device in USA.

To learn more, contact an NRD representative for a consultation at 1-800-525-8076 or visit nrdstaticcontrol.com.