

# Emitter Point Cleaner

*Model 22-1000*

Simco-Ion Emitter Point Cleaner (P/N 22-1000) is an efficient solution for cleaning emitter points in a cleanroom environment. The cleaner consists of a small plastic ampule encasing glass that contains 91% isopropanol alcohol. When the glass is crushed, the polyester brush on the tip of the cleaner is saturated in the alcohol solution.

The following instructions describe how to use the Emitter Point Cleaner. Shown are several different types of ionizers and how the cleaner is used with each.



Do not clean emitter points while the unit is powered. Doing so may result in additional contamination and possible shock. After removing power from the ionizer, allow a minimum of one minute for the high voltage power supplies to discharge.

## Breaking the Glass

1. Remove the cap from the Emitter Point Cleaner vial.
2. Hold the cleaner with the polyester brush pointing down so the alcohol solution saturates the brush.
3. With two fingers, squeeze the plastic tube until the glass inside breaks. (The cleaning solution will not leak out.)



## Applying the Solution to the Emitter Point

1. Cover the emitter point tip about 1/8 inch with the brush.
2. Twist the brush around the point. If the unit is an AeroBar, the brush will not fit completely into the emitter sockets. Wipe the tip of the points to remove all debris. When cleaning QuadBars, be careful not to soak or flood the emitter socket.

Discard the cleaner after use. The alcohol solution will dry out after a short time. The following figures show the cleaner used with different ionizers

## Specifications

Dimensions:	Ampule (without brush) 1.53”L (39 mm)
Polyester brush:	2L x 0.3” dia (5.3 x7.58 mm)
Overall length:	1.9” (49.5 mm)
Alcohol content	91% isopropanol



QuadBar cleaning. Be sure the alcohol does not flood the emitter point sockets



AeroBar cleaning. The brush will not fit all the way into the emitter nozzle. Ensure the brush swabs the tip of the emitter point