

Bar type Ionizer

HDC-AC with built-in high-voltage power supply

Bar type ionizer ELIMINOSTAT CABX



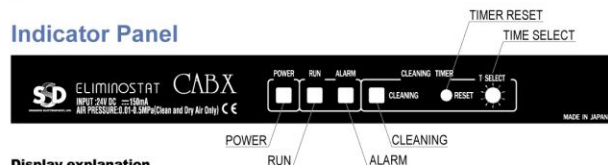
HDC-AC technology provides long-term stability in static elimination without the need for cleaning over the long term.

30% improvement in static elimination times and products sizes over existing models!



CABX

Indicator Panel



Display explanation

- POWER : The LED is lit while the power is turned on.
- RUN : The LED is lit under normal operations.
- ALARM : The LED lights up when a minute electrical discharge occurs in the emitter needle of the high-voltage main body or when an in-circuit current surge occurs.
- CLEANING : When the approximate operating time exceeds that set using T-SELECT, a yellow LED lights up. It will stay lit until the RESET button is pressed.
- TIMER RESET : To turn off the CLEANING LED.
- T-SELECT : To select the approximate operating time before the CLEANING LED lights up.

Main Features

HDC-AC technology provides stable and long-term static elimination capabilities. We have designed an ionizer that does not require cleaning over the long term.

- 1) 30% increase in capabilities
- 2) Long-term stability of static elimination capabilities
- 3) Decrease in emitter needle abrasions
- 4) Ultra low ozone
- 5) Superior ion balance
- 6) Minimum flow type nozzle
- 7) Cleaning timer
- 8) Emitter needle variations
- 9) Safety features

30% improvement in static elimination times and product sizes (compared to Shishido Electrostatic's existing products)

The CABX is the next generation of Shishido Electrostatic's existing CABX model. A 30% improvement over the existing product has been achieved with increased static elimination times and downsizing of the product. This is the industry's leading static elimination ionizer.

Simplified low-flow type emitter needle nozzle for air consumption

Two types of emitter needle nozzles are available: the usual nozzle for air consumption and a low-flow type nozzle for compressed air consumption. Nozzles can be easily replaced.

Cleaning timer function that indicates the cleaning time

An LED will light up when the timer had been set in advance and will indicate the cleaning time. The client can set the time when the light will appear. (9 patterns, 100-1000 hours and option not to set the light.)

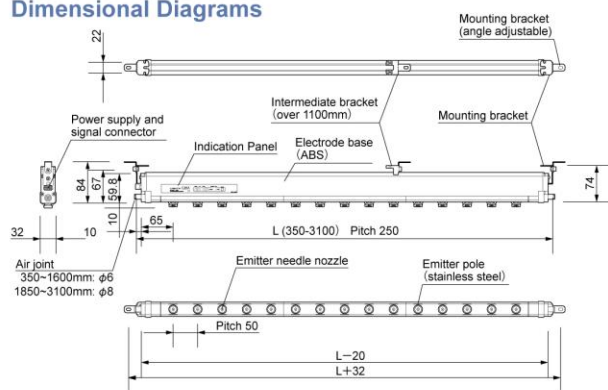
Emitter needle variations (scheduled to be released soon)

We provide needles that collect less dust, glass emitter needles and silicon emitter needles to respond to static elimination in environments in which little dirt is permitted.

Maintaining safety

Safety is maintained during use through the detection of minute electrical discharges and the low-voltage wiring input of the DC24V.

Dimensional Diagrams



Model	ELIMINATOR CABX
Ion generation method	Corona discharge method (HDC-AC)
Input power supply	DC24 V ±5 %
Electric consumption	3.6 VA
Output voltage	10 kV _{0-p} (0 to peak)
Output voltage under abnormal circumstances	No voltage contact output (by normal close MOSFET relay)
Unit dimensions	350 to 3100×92×29 mm (W×H×D)
Air supply range	Less than 0.5 Mpa
Ion balance	Within ±30 V (distance 300 mm, air pressure 0.3 Mpa at time of supply)
Operating environment	Surrounding temperature: 10 to 40 °C, surrounding humidity: 5% to 85% (no condensation) Air supply: clean dry air
Accompanying items	Operation manual, mounting bracket, power supply and signal connector cable (3 m), intermediate bracket (over 1100 mm)