

Product Informations

Our Product Lineup

High-Voltage AC power supply

Outline view [↗](#)



The ELIMINOSTAT SAT Series comprises a static-eliminating electrode, a high-voltage power supply, high voltage cables and a high-voltage branch box for connecting the system units. The SAT Series static eliminators are provided with a safety device that meets standards proscribed under the Product Liability Law. This safety device incorporated in the SAT Series high-voltage power supplies is an over-current protector that cuts off the high-voltage power supply when an abnormal current is detected in the electrode or in the high-voltage cables.

- The SAT Series static eliminators use the AC corona discharge method to provide a stable static elimination performance and a good balance between the positive and negative ions.
- The high-voltage power supplies incorporate a safety device that meets standards proscribed under the Product Liability Law to maintain high reliability (a safety device is not provided with the AT-10).
- The safety device uses an extremely high-precision method that detects an over-current in the secondary high-voltage transformer circuit. If an abnormal current leakage is detected in the static-eliminating electrode or a high-voltage cable, the safety device cuts off the high-voltage power supply and displays an alarm.
- Shielded cables are used for the high-voltage cables to reduce the generation of noise.
- The SAT Series high-voltage power supplies can be combined with any of the bar, point, or air electrodes offered.

Specification [↗](#)

ELIMINOSTAT SAT-20	
Model	SAT-20
Input power supply	110~120VAC or 220~240VAC (switch-selectable)
Power consumption	40 VA
HV power supply used	Commercial frequency alternating current power supply (wire wound high-voltage power supply)
Allowable output current	Maximum 5.0 mA (2 mA, 3.5 mA, 5 mA switch-selectable settings)

Operating Environment	0 to 40°C
Main unit dimensions	150×230×180 mm (W×H×D)
Weight	6000 g
Alarm functions	LED indication when a high-voltage abnormality or shutdown occurs
Allowable length for connecting electrodes / wiring	Electrode length: 10 m; cable length: 12 m
Accessories	Metallic connector for alarm output; protective bushing for high-voltage output; 3-pin adapter