

All about electrostatics, our know-how is yours!

The Next Generation ION BAR

SIB5SH Series

All-in-One Controller Ion Bar Realizing Fast and Powerful Long-Distance Static Elimination by Applying the Maximum Number of Sockets

By maximizing the number of sockets, ion generation and flow rate are maximized. Combined with discharge loss reduction technology, it delivers the fastest and most overwhelming static elimination performance even in long-distance areas. The all-in-one controller design and one-touch emitter pin replacement method maximize installation convenience and maintenance efficiency.

Key Features



Fast static elimination speed and long-distance static elimination capability by maximizing the number of sockets



Increased ion generation rate by reducing corona discharge loss



Easy management by minimizing emitter pin wear and contamination



One-touch design for easy replacement and cleaning of emitter pins



All-in-one controller



Configurable cleaning cycle via Tip Cleaning Alarm



Automatic adjustment of ion generation based on the polarity of the charged object (Auto Duty)



Auto-stop function upon abnormal high voltage detection



Adjustable input voltage according to the installation environment (when using SBP-07A2)

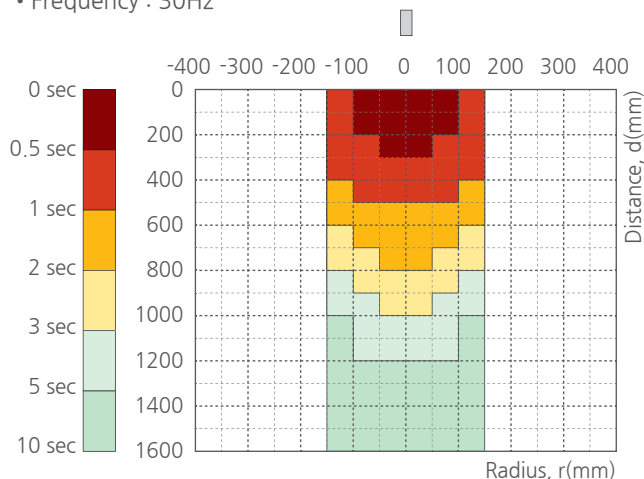
Specifications

Parameter	Description / Value
Input Power	DC 24V (±5%)
Power Consumption	Max. 12W
Current Consumption	Max. 500mA (DC 24V)
Ion-Generation Method	Corona Discharge Pulse AC
Air Purge Supply Pressure	0.1 ~ 0.5MPa (CDA, N ₂)
Air Purge Connection Port	Pipe Thread 1/8"
Ion Balance	With in ±30V (1,000mm)
Ozone Concentration	≤0.05ppm
Main Body Material	Non-Flammable ABS (Level V0)
Electrode Material	Standard: Tungsten Option : Silicon / Titanium (SIE-4)
Electrode Replacement	Cartridge type
Operation Circumstance	0~+50℃(32~122°F), 35~85% RH
Mounting Method	Bolt Mounting with Bracket
Function	Remote Control
Adjust	Frequency [Hz] 1, 3, 5, 8, 10, 20, 30~100 (by 5Hz unit)
Function	Voltage [Level] 1 ~ 10
Alarm Function	High Voltage Abnormal Alarm, Tip Cleaning Alarm(Setting)
Interface	Run State, Remote, RS485, Alarm (High Voltage Abnormal, Tip Cleaning)
Operating Distance	50 ~ 2,000mm
Option	SBP-RD (DC Power Supply)
Warranty	1 year

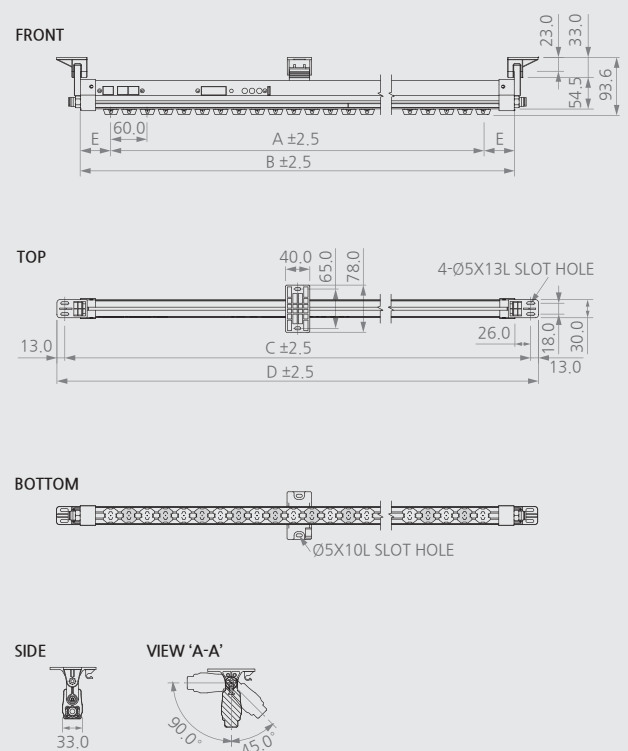
※ Design and specifications are subject to change without prior notice for quality improvement.

Decay Time Characteristics

- Socket : SIE-4E
- Output Voltage : Pulse AC ±10.5kVp-p
- Air Pressure : 0.3MPa
- Decay Time : ±1,000V to ±100V
- Temperature & Humidity : 24℃ ± 1℃, 40% ± 2%RH
- Charge Plate Capacitance : 20pF ± 2pF (150 X 150mm)
- Frequency : 30Hz



Dimensions



No.	Model	Tip Q'ty	A	B	C	D	E	Middle BKT Q'ty
1	SIB5-600SH	15	420	560	611	637	70	-
2	SIB5-700SH	19	540	680	731	757	70	-
3	SIB5-800SH	23	660	800	851	877	70	-
4	SIB5-900SH	27	780	881	932	958	50.5	-
5	SIB5-1000SH	31	900	1001	1052	1078	50.5	1
6	SIB5-1200SH	39	1140	1241	1292	1318	50.5	1
7	SIB5-1300SH	43	1260	1361	1412	1438	50.5	1
8	SIB5-1500SH	47	1380	1481	1532	1558	50.5	1
9	SIB5-1600SH	51	1500	1601	1652	1678	50.5	1
10	SIB5-1700SH	55	1620	1721	1772	1798	50.5	2
11	SIB5-1800SH	59	1740	1841	1892	1918	50.5	2