

SIB1(N) Series

SIB1(N) Series is the external controller type ion bar.
Due to small and slim body, It can be installed in a narrow space easily. We provide diverse lengths.
Its maintenance is simple, by replacing emitter socket.



Key Features

- External Controller Type Ion Bar
- Max. 4ea connections using external controller (SBP-14J4)
Max. 4ea : SBP-14J4
Max. 2ea : SBP-07A2, SBP-11, SBP-11N, SBP-06
Max. 1ea : SNC-21(High frequency models only)
- Low peak voltage through high frequency (SNC-21)
- Small / Slim body → Easy to install in a narrow space
- Various length of ion bar for numerous installing environment
- Aerodynamic design nozzle socket reduces tip contamination
- One-touch in/out socket application

Connectable Products



* High frequency models only

Specifications

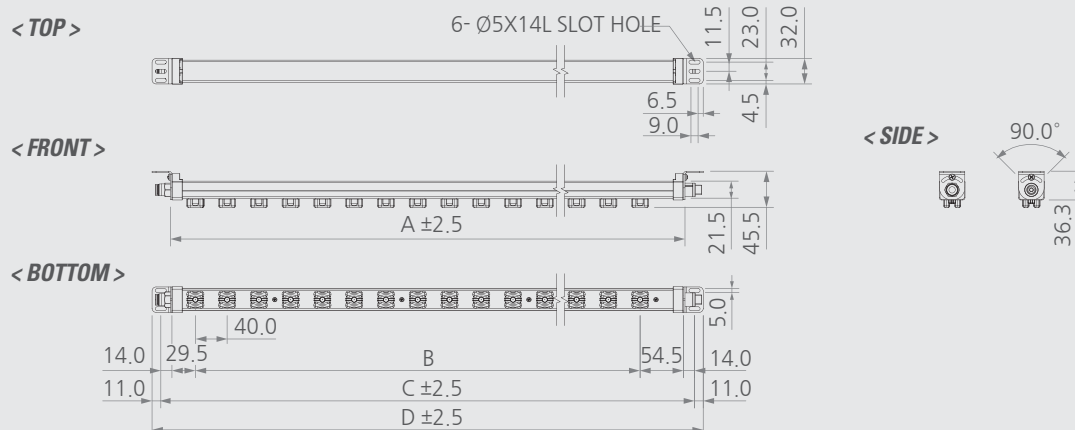
Parameter	Description / Value	Remarks
Ion-Generation Method	Corona Discharge Pulse AC	
Air Purge Supply Pressure	≤0.5MPa	CDA, N2 (No condensation)
Air Purge Connection Port	Pipe Thread 1/8"	
Ion Balance	within ±50V (1,000mm)	
Operating Distance	50mm ~ 2,000mm	
Operation Circumstance	0°C ~ +50°C(32°F ~ 122°F), 35% ~ 85% RH	
Ozone(O3) Concentration	≤0.05ppm	
Main Body Material	Non-Flammable ABS (Level V0), Stainless Steel	
Electrode Material	Standard : Tungsten	
	Option : Silicon	
Electrode Replacement	Cartridge type	
Mounting Method	Bolt Mounting with Bracket	
Ion Bar Length	134mm ~ 2,614mm	
High Voltage Cable	Insulation Cable 4m	UL3239_20kV - 1007AWG18
Warranty	1 year	

※ The appearance and specification of the product may be changed without prior notice for the improvement of the product.

Connectable Controllers and Functions

Function		Controller					
		SBP-14J4	SBP-11N	SBP-11	SBP-06	SBP-07A2	SNC-21
Method of Ion generation		Pulsed AC (Low frequency)				AC	Pulsed AC (High frequency)
Interface	Realtime Monitoring	○	X	X	X	X	○
	Remote Control	○	X	X	X	○	○
	Alarm Output	○	○	○	X	○	○
	Run/Stop state	○	○	X	X	○	○
Adjustable Function	Amplitude	○	○	X	X	○	○
	Frequency	○	○	X	X	X	○
	Duty	○	○	○	○	○	○
Connectable bar Q'ty [Max]		4	2	2	2	2	1

Dimensions



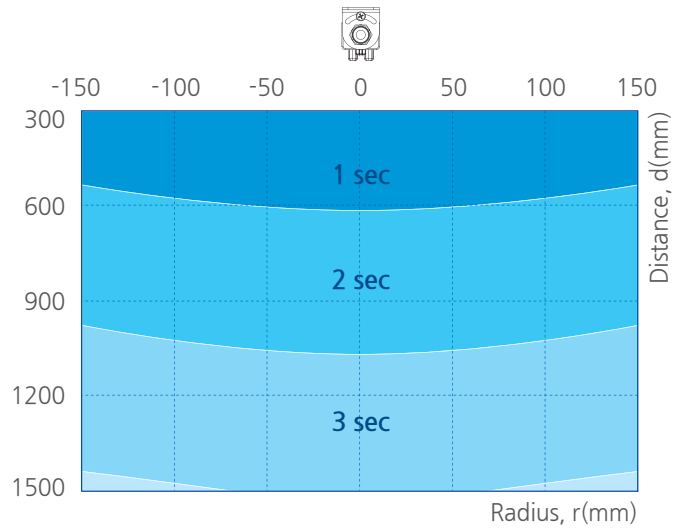
No.	Model No.	Tip Q'ty	A	B	C	D	Middle Bkt Q'ty
1	SIB1(N)-07A	1	88	0	112	134	-
2	SIB1(N)-16A	3	168	80	192	214	-
3	SIB1(N)-20A	4	208	120	232	254	-
4	SIB1(N)-32A	7	328	240	352	374	-
5	SIB1(N)-48A	11	488	400	512	534	-
6	SIB1(N)-64A	15	648	560	672	694	-
7	SIB1(N)-80A	19	808	720	832	854	-
8	SIB1(N)-96A	23	968	880	992	1014	-
9	SIB1(N)-112A	27	1128	1040	1152	1174	-
10	SIB1(N)-128A	31	1288	1200	1312	1334	-
11	SIB1(N)-144A	35	1448	1360	1472	1494	-
12	SIB1(N)-160A	39	1608	1520	1632	1654	1
13	SIB1(N)-176A	43	1768	1680	1792	1814	1
14	SIB1(N)-192A	47	1928	1840	1952	1974	1
15	SIB1(N)-208A	51	2088	2000	2112	2134	2
16	SIB1(N)-224A	55	2248	2160	2272	2294	2
17	SIB1(N)-240A	59	2408	2320	2432	2454	2
18	SIB1(N)-256A	63	2568	2480	2592	2614	3

Ion Bar

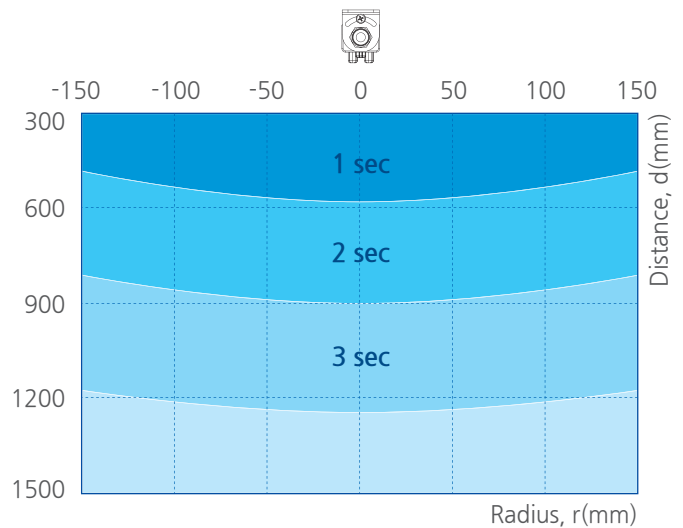
Electrostatic Total Solution

Decay Time Characteristics

- Model : SIB1(N)-64A / SBP-11
- Socket : Clean Power
- Flex : 185ℓ/min
- Air Pressure : 0.3MPa
- Decay Time : ±1,000V to ±100V
- Temperature & Humidity : 24°C ± 1°C, 40% ± 2%RH
- Charge Plate Capacitance : 20pF (150 X 150mm)
- Frequency : 30Hz



- Model : SIB1(N)-64A / SNC-21
- Socket : Clean Power
- Flex : 185ℓ/min
- Air Pressure : 0.3MPa
- Decay Time : ±1,000V to ±100V
- Temperature & Humidity : 24°C ± 1°C, 40% ± 2%RH
- Charge Plate Capacitance : 20pF (150 X 150mm)
- Frequency : 260Hz



High Frequency Model Components and Connections

► High Frequency Model Components



SNC-21

Controller for high-frequency models



SBP-21C

H/V Pack for high-frequency models

► How to connect

