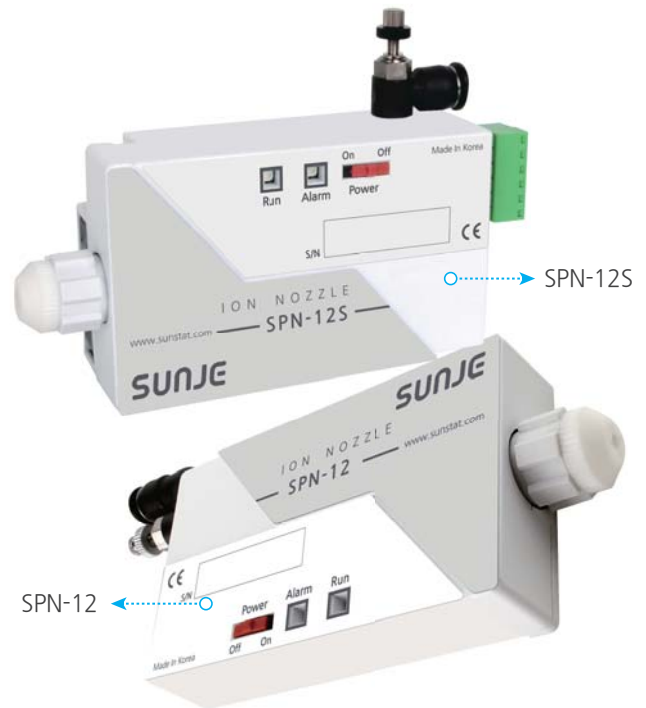


SPN-12 / 12S

고주파 방식(Piezo:72kHz)을 채택하여 방전 침의 오염을 감소시킨 초소형 Ion Nozzle입니다. 다양한 Fitting Tube(Optional)와 각도 조절이 가능한 브라켓으로 여러가지 작업환경에 적용 가능하며, 좁은 공간의 정전기를 신속히 제거합니다. 또한, Air Filter(Optional) 적용으로 공기로 인한 오염을 방지할 수 있습니다.

Key Features

- 초소형 Ion Nozzle
- 근접 동작 감지용 적외선 Sensor 장착 (SPN-12S)
- Sensor 감도 및 작동시간 설정 가능 (SPN-12S)
- Ion Balance $\pm 15V$ (300mm 기준) 이내 (Air 0.3MPa)
- 오존에 강한 Teflon Nozzle 채택
- High Frequency AC 방식으로 침 청소주기 연장
- Daisy Chain 기능으로 최대 5대 연결 가능 (6 pole connector)
- 각도 조절이 가능한 브라켓 적용
- 사용환경에 따라 다양한 Fitting Tube 장착 가능 (Option)



Specifications

Parameter		Description / Value		Remarks
		SPN-12	SPN-12S	
Input Power		DC 24V		
Adaptor	Input	AC 100~240V, 50/60Hz, 1.7A		
	Output	DC 24CV, 1A, 24W		
Power Consumption		1.2W	3.6W	
Current Consumption		50mA	150mA	AC 220V
Ion-Generation Method		High Frequency AC		Piezo
Air Purge Supply Pressure		0.1MPa ~ 0.6MPa		CDA, N2
Air Inlet		Ø6		
Ion Balance		Within $\pm 15V$		300mm
Operation Circumstance		0°C~+130°C(32°F~266°F), 35%~85% RH		
Ozone(O3) Concentration		$\leq 0.05\text{ppm}$		50mm
Main Body Material		Non-Flammable ABS		
Nozzle Material		Teflon		
Electrode Material		Tungsten		
Mounting Method		Bolt Mounting with Bracket		
Weight		80g	130g	
Sensor		-	Photoelectric Sensor	
Alarm Function		H/V Abnormal		
Interface		Alarm(H/V Abnormal)		
Warranty		1 year		

※ 디자인 및 제품 사양은 품질향상을 위해 예고 없이 변경될 수 있습니다.

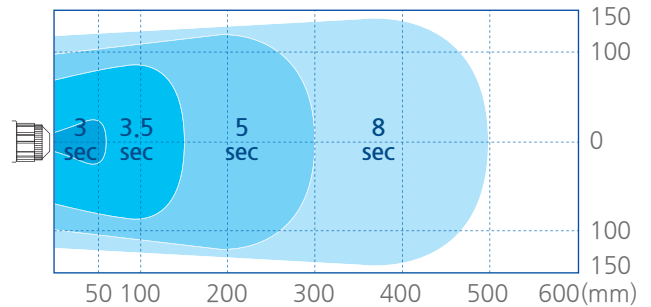
Ion Nozzle

Electrostatic Total Solution

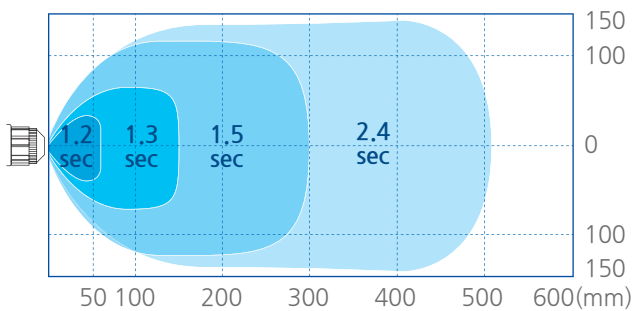
Decay Time Characteristics

- Model : SPN-12/12S
- Decay Time : $\pm 1,000V$ to $\pm 100V$
- Charge Plate Capacitance : 20pF(150 X 150 mm)
- Temperature & Humidity : 24°C, 50%RH

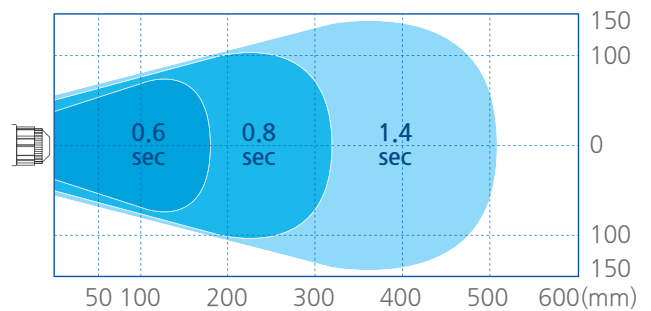
Air Pressure : 0.1MPa Standard Nozzle Mounted



Air Pressure : 0.3MPa Standard Nozzle Mounted

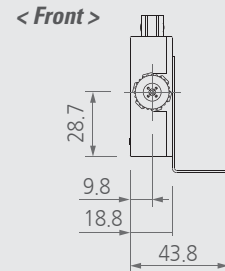
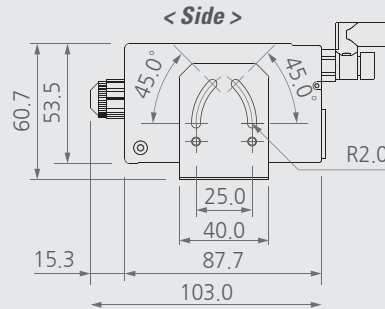
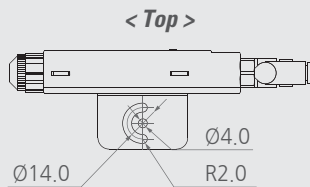


Air Pressure : 0.6MPa Standard Nozzle Mounted

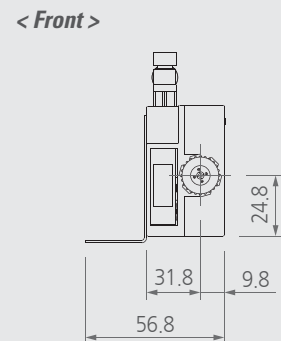
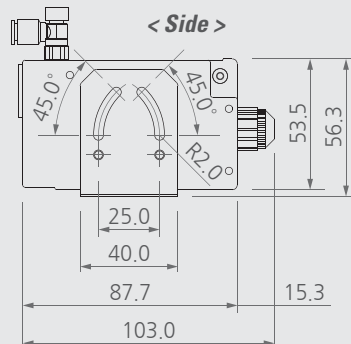
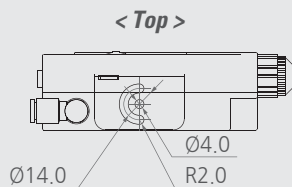


Dimensions

< SPN-12 >



< SPN-12S >



Ion Nozzle

Electrostatic Total Solution

Photoelectric Sensor (HP7-A43)

Parameter	Description / Value
Detection System	Diffuse-scan
Scanning Distance	1m
Operation Mode	Light-ON / Dark-ON selectable by button
Emitter	Infrared LED
Ambient Light Immunity	Incandescent Lamp : Max. 10,000 lux / Sunlight : Max. 40,000 lux

Options (Fitting Tube)

특수한 환경에서 SPN-12/12S의 성능 및 사용 편의성을 높이기 위한 Option Item입니다.
사용 환경에 따라 다양한 대응이 가능하며 주문 제작도 가능합니다.

▶ U Type Injector (UI)



▶ Direct Injector-90° (DI-90)



▶ Bar Type Injector (BI)



▶ Direct Injector Ø4 (DI)



▶ Bar Type Injector-45° (BI-45)



▶ Elbow Coupler (EC)



▶ Flexible Injector (FI)



▶ Tube Injector (TI)

※ Fitting Tube 사용 시 제전 성능에 차이가 있을 수 있습니다.