

ION BAR

ASG-PG Series



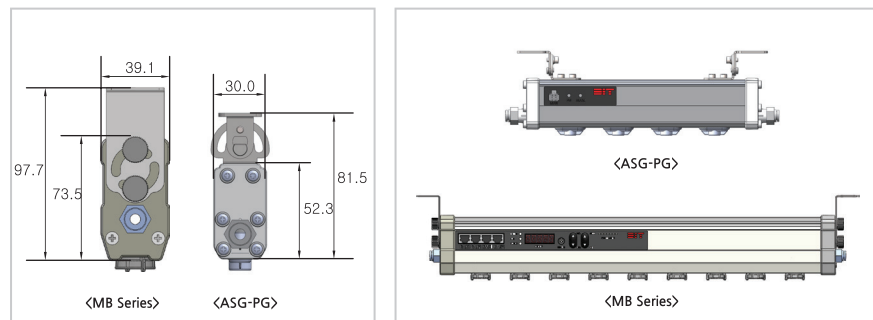
제품사양 / Product Specification

Category	Specification
입력 전압 (Input voltage)	DC 24V± 10%
입력 전류 (Input current)	Max. 900mA
소비 전력 (Power consumption)	Max. 24W
방전 전압 (Emitter voltage)	±4.7kV (±5%)
출력 주파수 (Output frequency)	29kHz
이온 발생 방식 (Ion generating method)	Corona discharge
전압 인가 방식 (Voltage application method)	High-Frequency AC
재질 (Material)	Body : ABS / Emitter pins : Tungsten
방전핀 교체 (Emitter replacement)	Replaceable
이온 밸런스 (Ion balance)	Under average ±30V
계전 거리 (Coverage distance)	100mm ~ 1000mm
공급 에어 (Air)	종류 (Type) CDA (Clean dry air), N2
	압력 (Pressure) 0.05 ~ 0.5 MPa (Usually under 0.3MPa)
	유량 (Flow) / Per 1 emitter 2L/min(±10%) [Under 0.1MPa]
	공급튜브 직경 (Air tube diameter) Ø6 (Outside)
오존발생량 (Ozone generation)	Under 0.05ppm
사용온도 (Ambient temperature)	0°C ~ +50°C (32~122°F)
사용습도 (Ambient humidity)	35~85%RH (No condensation)

※ 제품의 사양은 성능 개선을 위하여 별도의 통보 없이 변경될 수 있습니다.
Specification is subject to change without notice for the improvement of product performance.

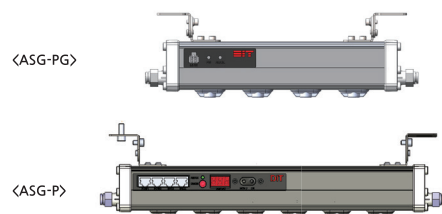
제품장점 / Advantages

MB 시리즈 대비 단면적 40% 감소 Cross-Sectional Area Reduced by 40% Comparing MB Series



MB 시리즈 대비 부피 및 중량이 현저히 감소하여 좁은 공간에서도 설치가 용이합니다.
Easy to install even in narrow space due to remarkably reduced size and weight.

ASG-P 시리즈 보다 짧은 길이 가능 / Shorter Length than ASG-P Series

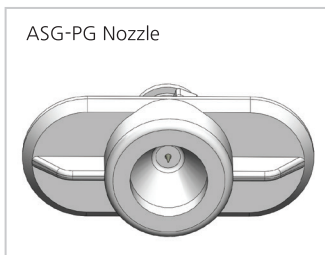


ASG-P 시리즈에서 디스플레이부를 제거 함으로써 262mm, 322mm 제작이 가능합니다.
The size of ASG-PG Series is available 262mm, 322mm by removing the FND display of ASG-P Series.

ASG-P 시리즈의 경우, 최소 382mm부터 제작 가능
The size of ASG-P Series is available from min 382mm.

※ 단, RS485 통신 기능 없음
RS485 communication function is not available.

낮은 유지보수비용 Low Maintenance



최적의 노즐 설계로 에어소모량을 줄이면서 이물질의 생성을 최소화 합니다.
Special nozzle is designed to reduce air supply requirement and minimize pollutant production and accumulation on emitter pin.

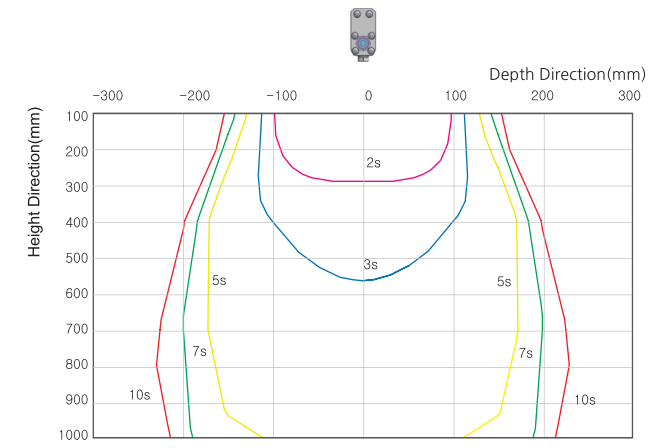
노즐의 에어소모량을 줄이면서 방전핀 첨단부에 이물질 부착을 최소화 할 수 있는 공기역학적 구조 설계
Special nozzle is designed using aerodynamics.

* 노즐당 에어소모량
Air supply requirement per emitter
0.3MPa ... Approx 5.1 l/min
0.1MPa ... Approx 2.0 l/min

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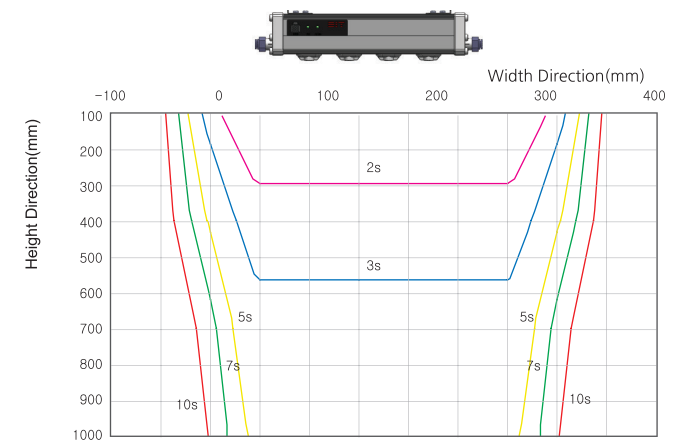
제품성능 / Product Performances

Relation between Depth Direction and Decay Time



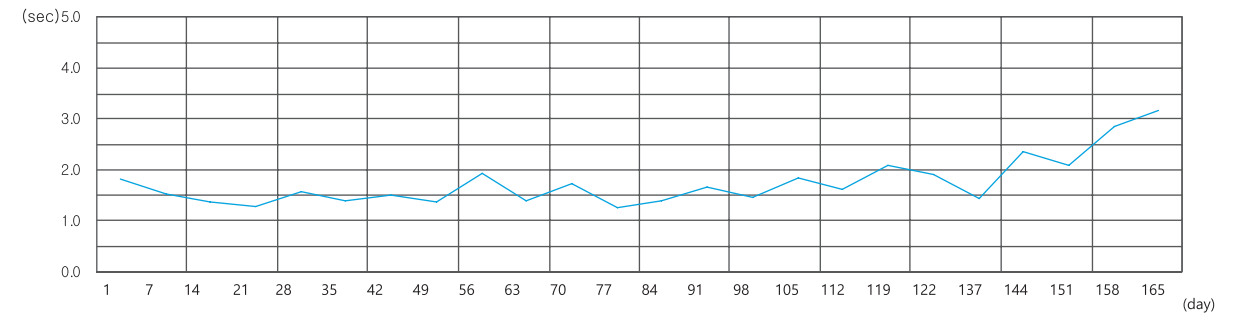
Air purge : 0.3MPa, Measurement condition : 1kV → 0.1kV
Charged plate dimensions : 150mm x 150mm, Capacity : 20pF

Relation between Width Direction and Decay Time



Air purge : 0.3MPa, Measurement condition : 1kV → 0.1kV
Charged plate dimensions : 150mm x 150mm, Capacity : 20pF

Long Term Performance of Decay Time

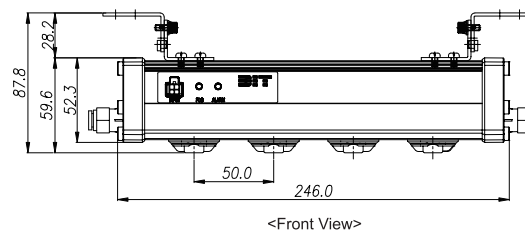


Air purge : 0.3MPa, Distance : 300mm, Measurement condition : 1kV → 0.1kV
Charged plate dimensions : 150mm x 150mm, Capacity : 20pF

※ 상기 성능그래프는 당사 실험실 기준입니다. (This graph is based on our laboratory environment testing.)

제품외관도 / Dimensions

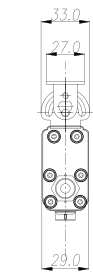
ASG-P025G



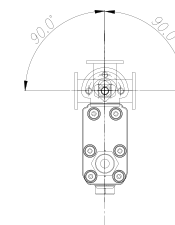
<Front View>



<Bottom View>



<Side View>



<Bracket Rotation>

(Unit : mm)

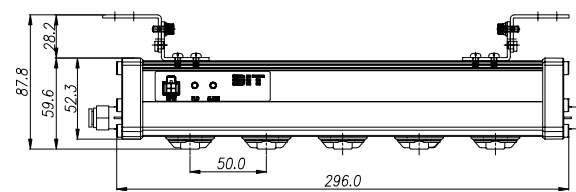
Main Model	Length
ASG-P025G	262mm
ASG-P030G	322mm

상기 Length값은 에어피팅부 제외 길이입니다.
Air-fitting part is not included in the length above.

ASG-PG 시리즈의 길이는 262mm, 322mm 두 사이즈 제품입니다.

Bar Length : Sizes available 262mm, 322mm

ASG-P030G



<Front View>



<Bottom View>

※ 모든 부속물 별도 구매
All parts NOT included (Option : Bracket/Power cable)