

ION BAR

MB-G Series

제품사양 / Product Specifications

Category	Specifications
입력 전압 (Input voltage)	DC 24V± 10%
입력 전류 (Input current)	MAX. 1A
방전 전압 (Emitter voltage)	4.7kV (±5%)
소모 전력 (Power consumption)	MAX. 24W
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
제전 거리 (Coverage distance)	100mm ~ 1000mm
종류 (Type)	CDA(Clean Dry Air), N2
공급 압력 (Pressure)	0~0.5Mpa (Usually under 0.3Mpa)
공급 유량 (Air)	유량 (Flow) / Per 1 emitter 2.0L/min(±10%) [under 0.1Mpa]
공급튜브 직경 (Air tube diameter)	6φ (Outside)
오존 발생량 (Ozone generation)	Under 0.05ppm
사용 온도 (Ambient temperature)	0°C ~ +50°C (32~122°F)
사용 습도 (Ambient humidity)	35~85%RH (No condensation)

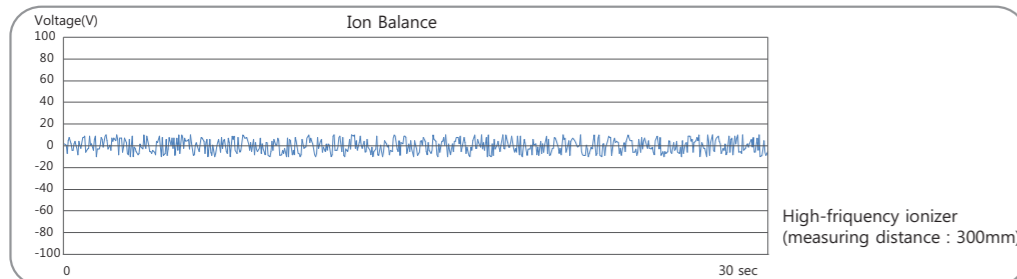
※ 제품의 사양은 성능 개선을 위하여 별도의 통보 없이 변경될 수 있습니다.
Specification is subject to change without notice for the improvement of product performance.



제품장점 / Advantages

Offset Voltage가 현저히 낮으므로 근거리 제전 시에도 Ion Balance가 안정적입니다.

Low offset voltage allows stable ion balance for short distance static elimination.



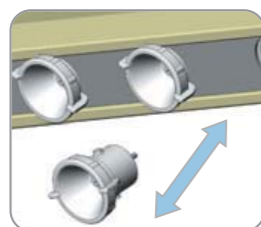
초소형 고압 트랜스 내장형(고압케이블 불필요).
Slim and Light-weight Piezo-ceramic transformer built into Ion Bar (No need for separate bulky transformer/control unit).



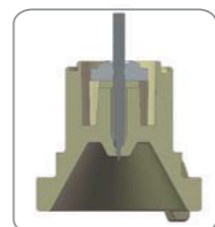
무선 리모트 컨트롤 기능
(개별 제전기 선택, 이온밸런스, 주파수 변경, 설정상태 확인).
Wireless Remote Control
(Select individual Ion Bar unit to communicate, check Ion balance, change frequency and check current setting, etc.)



간편한 관리 및 청소.
Easy Maintenance & Cleaning.



간편한 방전핀 교체
Convenient emitter pin for replacement.



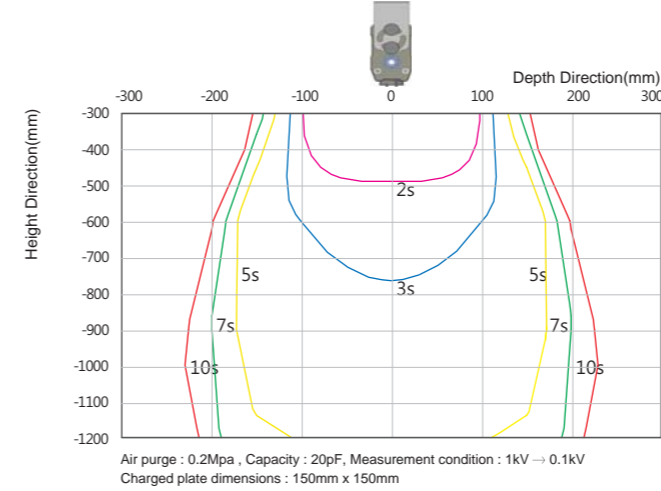
이물 생성을 최소화한 Funnel형 구조.
Structured to minimize dusts or pollutants.



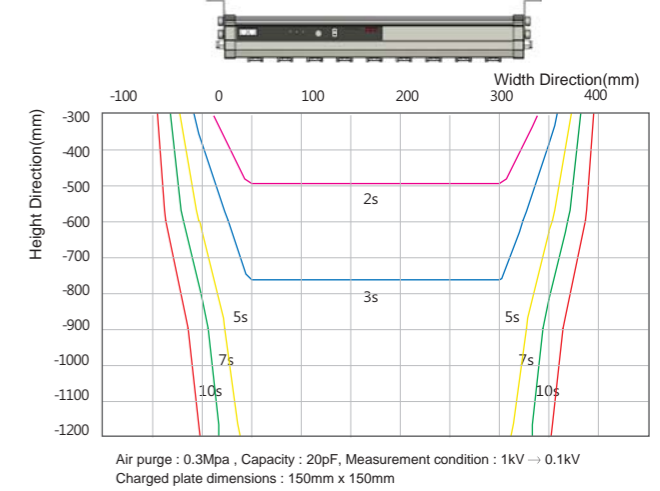
ION BAR

제품성능 / Product Performances

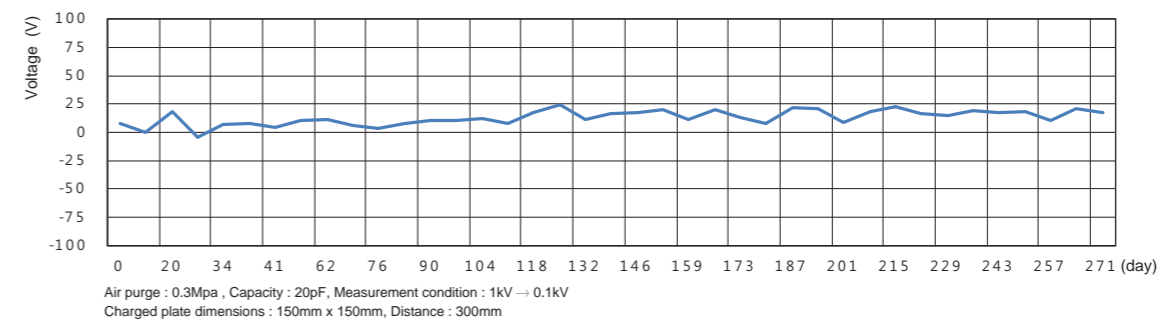
Relation between Depth Direction and Decay Time



Relation between Width Direction and Decay Time



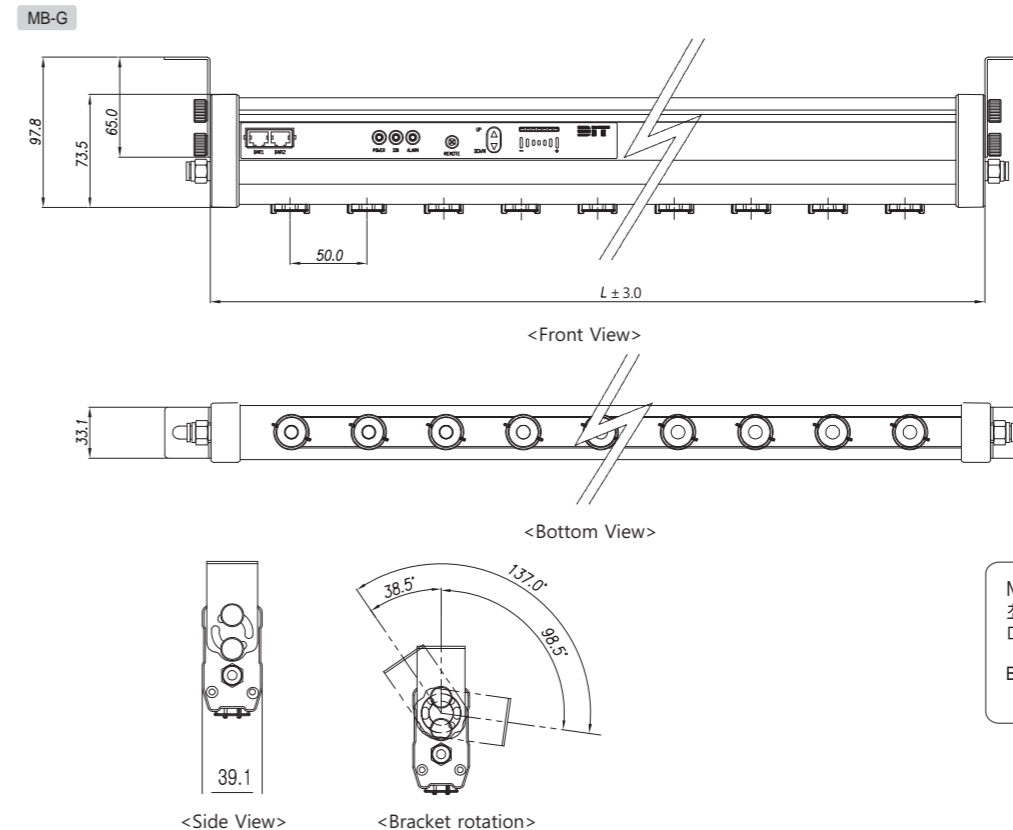
Relation between Day and Ion Balance



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

(Unit : mm)

제품외관도 / Dimensions



Main Model	Length
MB - G030	304mm
MB - G040	404mm
MB - G050	504mm
MB - G060	604mm
MB - G070	704mm
MB - G080	804mm
MB - G090	904mm
MB - G100	1004mm
MB - G110	1104mm
MB - G130	1304mm
MB - G160	1604mm
MB - G210	2104mm
MB - G230	2304mm
MB - G300	3004mm

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

MB-G Series의 길이는 최소 300mm 에서 최대 3000mm 까지 50mm 간격으로 길이 대응이 가능한 제품입니다.

Bar Length : Sizes available from min 300mm up to 3000mm at 50mm intervals.

※ 브라켓 및 전원 케이블(RJ45 A형) 포함
Bracket/Power cable(RJ45 A type) included