

ION BAR

MB-LS Series



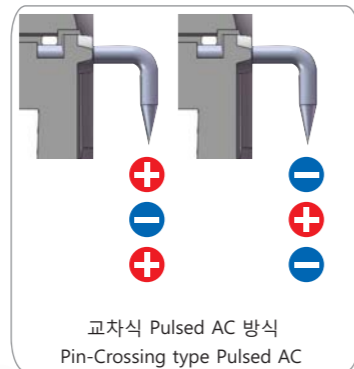
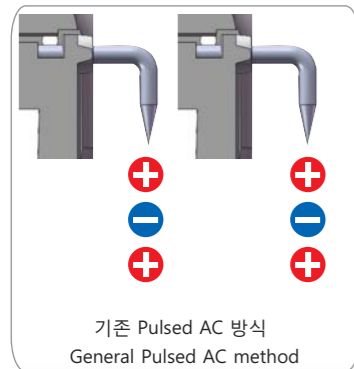
제품 사양 / Product Specifications

Category	Specifications
입력 전압 (Input voltage)	DC 24V± 10%
입력 전류 (Input current)	MAX. 570mA
방전 전압 (Emitter voltage)	±6.5kV
소모 전력 (Power consumption)	MAX. 14W
출력 주파수 (Output frequency)	0.1Hz ~ 10Hz (adjustable)
이온 발생 방식 (Ion generating method)	Corona discharge
전압 인가 방식 (Voltage application method)	Pulsed AC
재질 (Material)	Body : ABS / Emitter Pins : Titanium
방전핀 교체 (Emitter replacement)	Replaceable
이온 밸런스 (Ion balance)	Under average ±30V
제전 거리 (Coverage distance)	200mm ~ 600mm
오존 발생량 (Ozone generation)	Under 0.005ppm
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.

제품 장점 / Advantages

핀 교차 Pulsed AC 방식으로 근접거리 Low-Offset 성능 구현[특허 출원]
Pin-crossing type pulsed AC has low offset-voltage performance at a short distance. [Patented]



일반 Pulsed-AC의 근접거리에서의 Offset-Voltage 감소를 위하여, 핀 교차 형태의 Pulsed-AC 방식을 채택하여 근접거리에서 Offset-Voltage 성능을 향상시킨 근접거리용 Laminar-flow Ionizer.

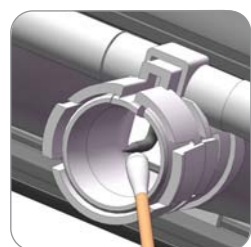
MB-LS Series is optimized for short distance because it has low offset-voltage performance by pin-crossing type pulsed AC method.



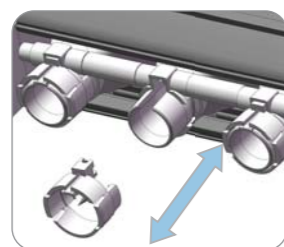
초소형 고압 트랜스 내장형 (고압케이블 불필요).
Slim and Light-weight Piezo-ceramic transformer built into ion bar
(No need for separate bulky transformer/control unit).



무선 리모트 컨트롤 기능 (개별제전기 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.

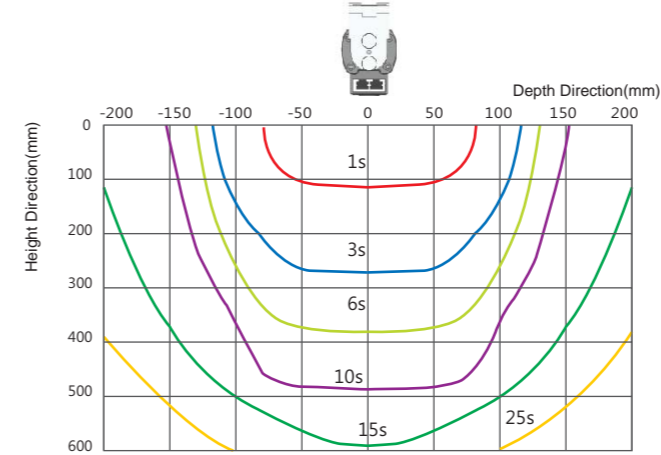


이물 생성을 최소화한 구조.
Structured to minimize dusts or pollutants.

ION BAR

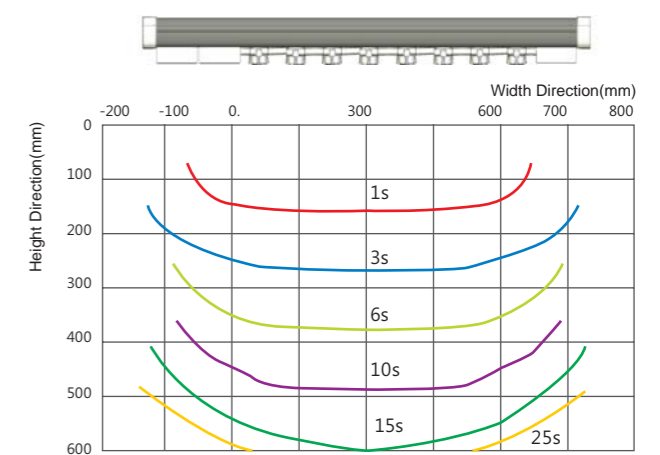
제품 성능 / Product Performances

Relation between Depth Direction and Decay Time



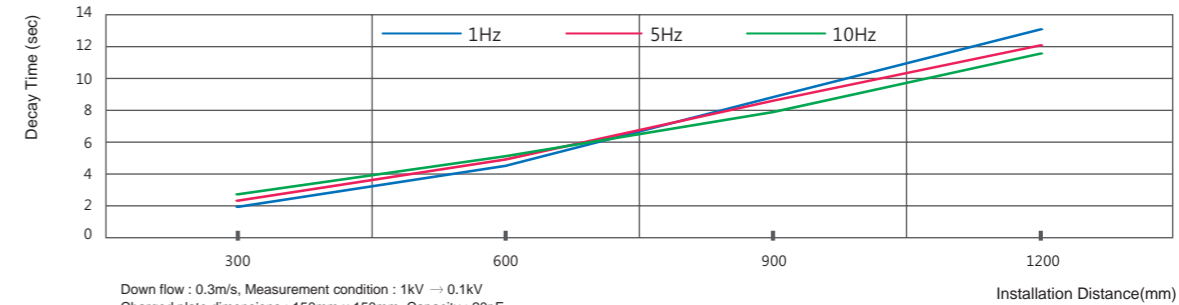
Down flow : 0.3m/s , Capacity : 20pF, Measurement condition : 1kV → 0.1kV
Charged plate dimensions : 150mm x 150mm, Frequency : 30Hz

Relation between Width Direction and Decay Time



Down flow : 0.3m/s , Capacity : 20pF, Measurement condition : 1kV → 0.1kV
Charged plate dimensions : 150mm x 150mm, Frequency : 30Hz

Relation between Distance and Decay time



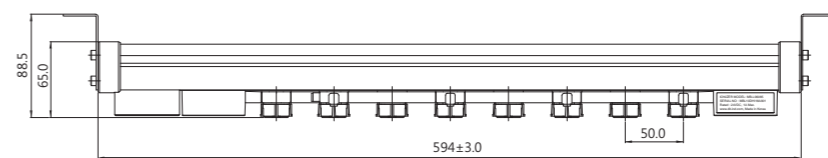
Down flow : 0.3m/s, Measurement condition : 1kV → 0.1kV
Charged plate dimensions : 150mm x 150mm, Capacity : 20pF

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

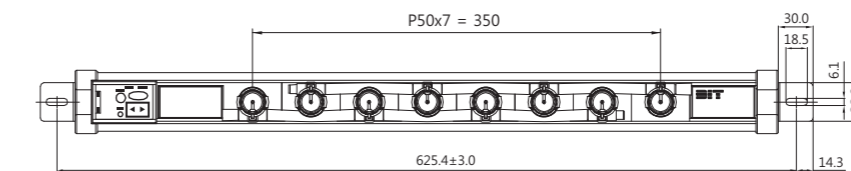
제품 외관도 / Dimensions

MB-L0608S

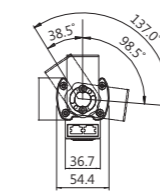
(Unit : mm)



<Front View>



<Bottom view>



<Bracket rotation>

Main Model	Length
MB - L0404S	394mm
MB - L0506S	494mm
MB - L0608S	594mm
MB - L070AS	694mm
MB - L080CS	794mm
MB - L090ES	894mm
MB - L100GS	994mm
MB - L110IS	1094mm
MB - L120KS	1194mm
MB - L130MS	1294mm
MB - L140OS	1394mm
MB - L150QS	1494mm

MB-LS Series의 길이는 최소 400mm 에서 최대 1500mm 까지 100mm 간격으로 길이 대응이 가능한 제품입니다.

Bar Length : Sizes available from min 400mm up to 1500mm at 100mm intervals.

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