

ION BAR

AMB-LS Series



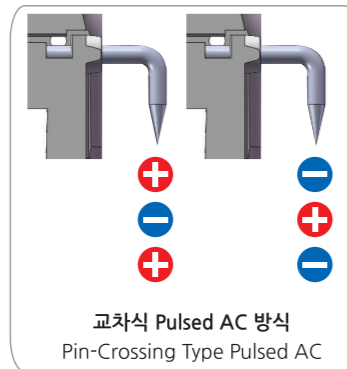
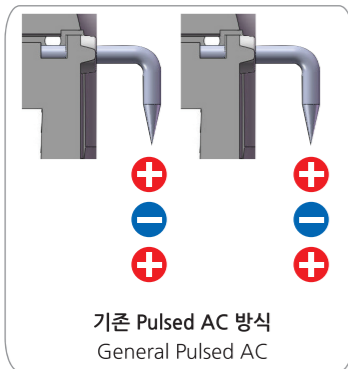
제품사양 / Product Specification

Category	Specification
입력 전압 (Input voltage)	DC 24V± 10%
입력 전류 (Input current)	Max. 570mA
소비 전력 (Power consumption)	Max. 15W
방전 전압 (Emitter voltage)	±6.5kV
출력 주파수 (Output frequency)	0.5Hz ~ 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
계전 거리 (Coverage distance)	200mm ~ 600mm
오존발생량 (Ozone generation)	Under 0.005ppm
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.

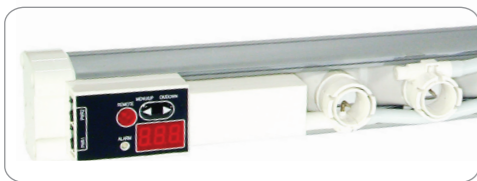
제품장점 / Advantages

핀 교차 Pulsed AC 방식으로 근접거리 낮은 오프셋 전압 성능 구현[특허 출원]
Pin-Crossing Type Pulsed AC Has Low Offset-Voltage Performance at a Short Distance. [Patented]



일반 Pulsed-AC의 근접거리에서의 오프셋 전압 감소를 위하여, 핀 교차 형태의 Pulsed-AC 방식을 채택하여 근접거리에서 오프셋 전압 성능을 향상시킨 근접거리용 라미나 플로우 타입 이온 바

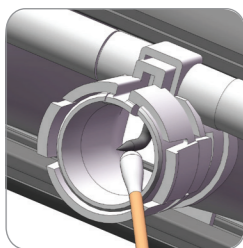
AMB-LS Series is optimized for short distance because it has low offset-voltage performance by pin-crossing type pulsed AC method.



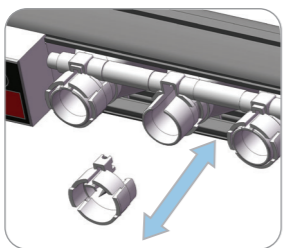
초소형 고압 트랜스 내장형 (고압케이블 불필요)
Slim and light weight piezo-ceramic transformer built into the ion bar (No need for separate bulky transformer/control unit)



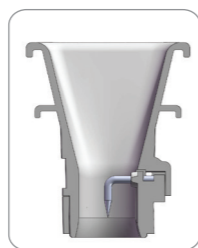
무선 리모트 컨트롤 기능 (개별제전기 선택, 이온밸런스, 주파수 변경, 설정상태 확인)
Wireless remote control (Select individual Ion bar unit to communicate, check ion balance, change frequency, and check current setting, etc.)



간편한 관리 및 청소
Easy maintenance & cleaning



간편한 방전핀 교체
Convenient emitter pin for replacement

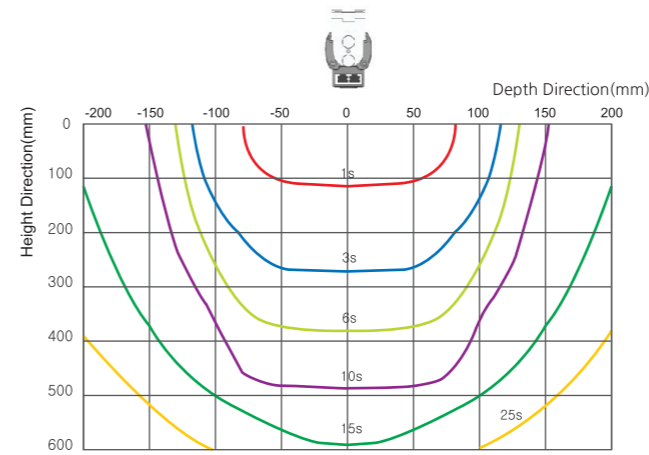


이물 생성을 최소화한 구조
Structured to minimize dusts or pollutants

ION BAR

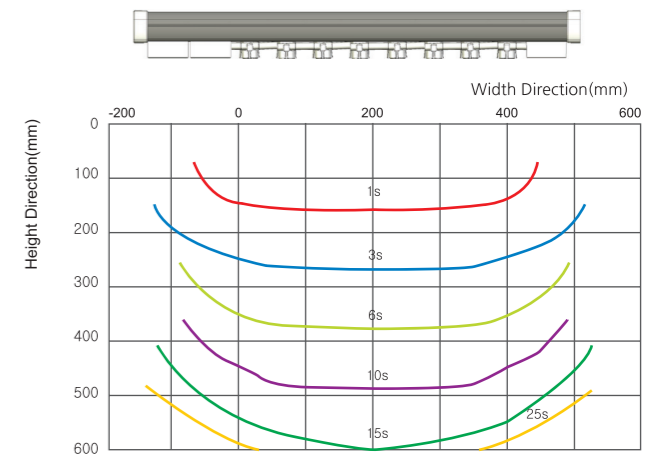
제품성능 / Product Performances

Relation between Depth Direction and Decay Time



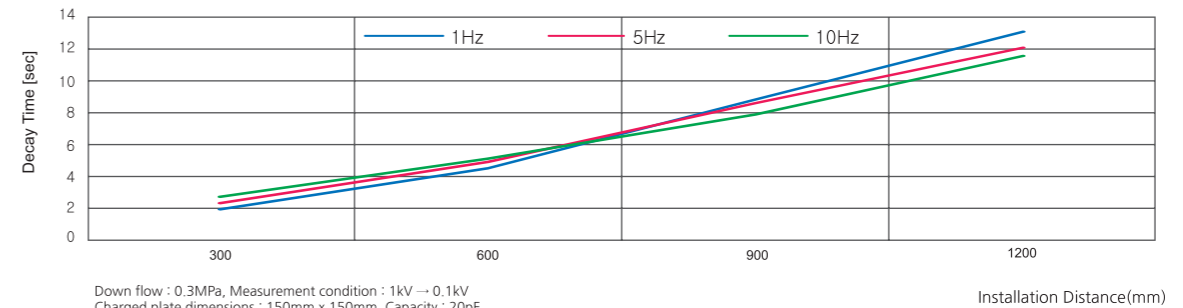
Down flow : 0.3MPa, Frequency : 5Hz, Measurement condition : 1kV → 0.1kV
Charged plate dimensions : 150mm x 150mm, Capacity : 20pF

Relation between Width Direction and Decay Time



Down flow : 0.3MPa, Frequency : 5Hz, Measurement condition : 1kV → 0.1kV
Charged plate dimensions : 150mm x 150mm, Capacity : 20pF

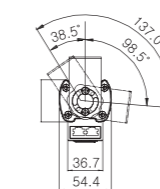
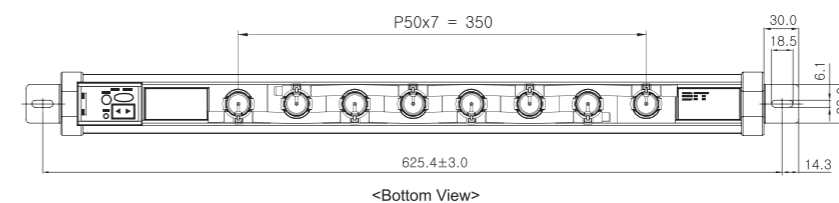
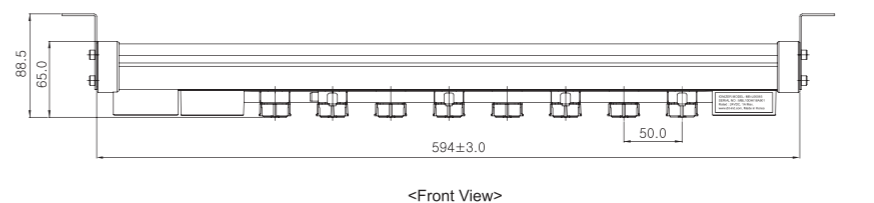
Relation between Distance and Decay Time



Down flow : 0.3MPa, 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



(Unit : mm)

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

AMB-LS 시리즈의 길이는 최소 394mm에서 최대 1494mm 까지 100mm 간격으로 길이 대응이 가능한 제품입니다.

Bar Length : Sizes available from min 394mm up to 1494mm at 100mm intervals.

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