

ION BAR

AMB-L Series

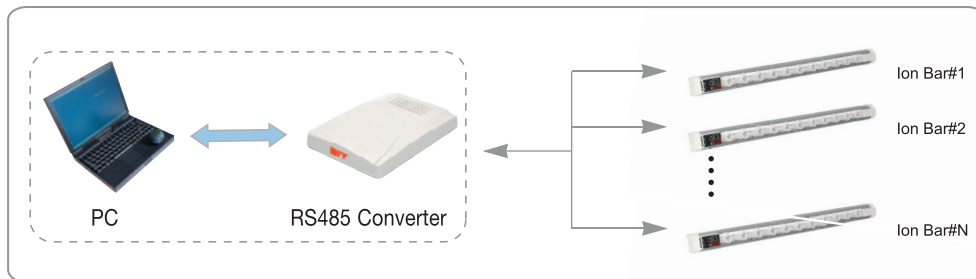
제품사양 / Product Specification

Category	Specification
입력 전압 (Input voltage)	DC 24V± 10%
입력 전류 (Input current)	Max. 300mA
소비 전력 (Power consumption)	Max. 7W
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 ~ 1500mm
오존발생량 (Ozone generation)	Under 0.005ppm
사용온도 (Ambient temperature)	0℃ ~ +50℃ (32~122 ℉)
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

전원 및 통신(RS485)시리즈 연결 Connecting AMB-L Series to Power and RS-485



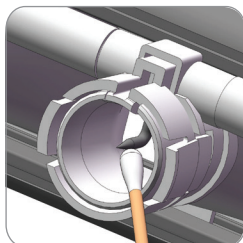
원격감시시스템(RMS)과의 연동
AMB-L과 RS485 Converter를 연결
하여 외부 RMS와 연동이 가능합니다.
It is connectable to RMS
(Remote Monitoring System)
through RS-485.



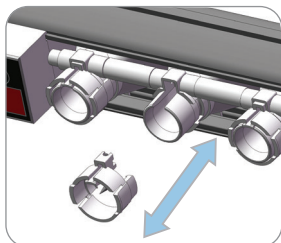
초소형 고압 트랜스 내장형 (고압케이블 불필요)
Slim and light weight piezo-ceramic transformer built into the ion bar
(No need for separate bulky transformer/control unit)



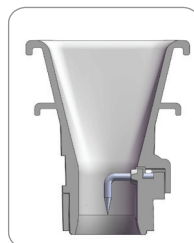
무선 리모트 컨트롤 기능
(개별제전기 선택, 이온밸런스, 주파수 변경, 설정상태 확인)
Wireless remote control (Select individual ion bar unit to communicate,
check ion balance, change frequency, and check current setting, etc)



간편한 관리 및 청소
Easy maintenance & cleaning



간편한 방전핀 교체
Convenient emitter pin for replacement

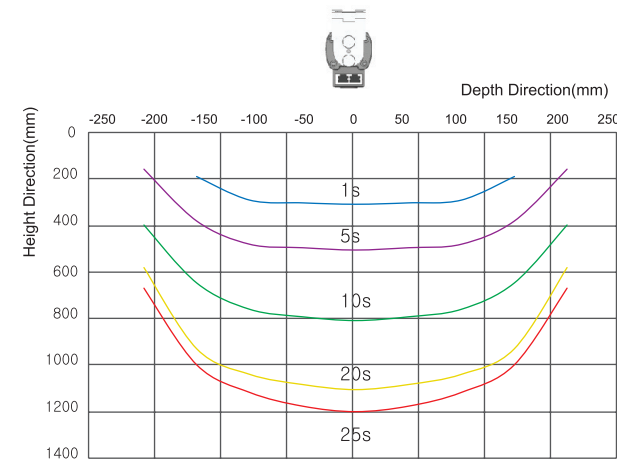


이물 생성을 최소화한 구조
Structured to minimize dusts or pollutants

ION BAR

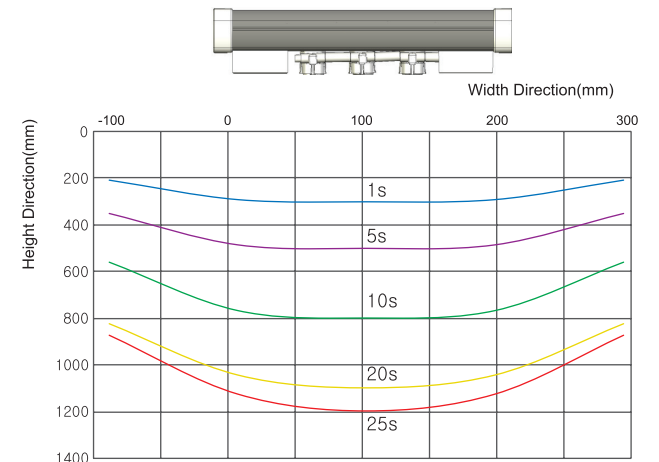
제품성능 / Product Performances

Relation between Depth Direction and Decay Time



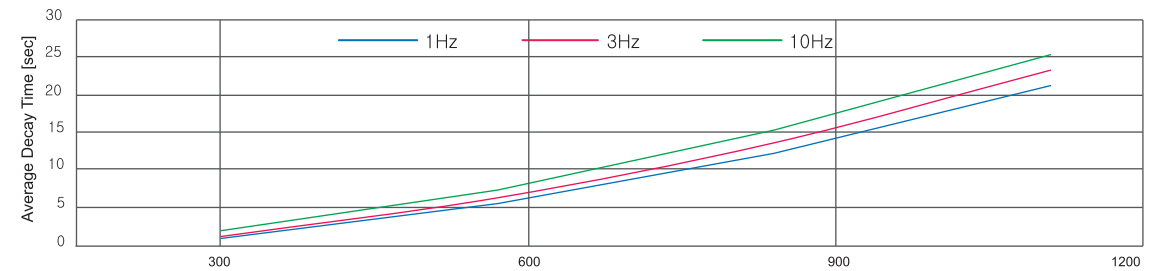
Down flow : 0.3MPa, Frequency : 5Hz, Measurement condition : 1kV → 0.1kV
Charged plate dimensions : 150mm x 150mm, Capacity : 20pF

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

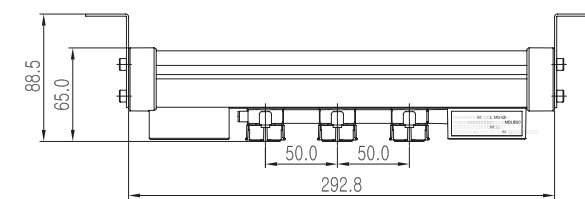


Down flow : 0.3MPa, Measurement condition : 1kV → 0.1kV
Charged plate dimensions : 150mm x 150mm, Capacity : 20pF

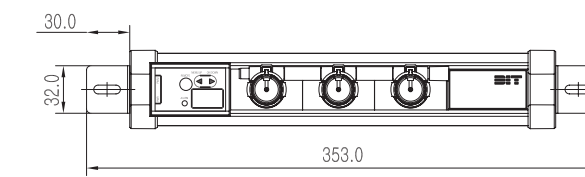
※ 상기 성능그래프는 당사 실험실 기준입니다. (This graph is based on our laboratory environment testing.)

제품외관도 / Dimensions

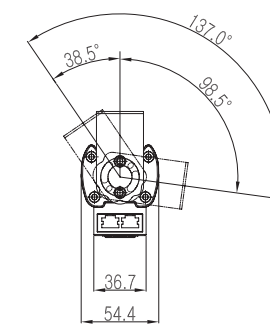
AMB-L050



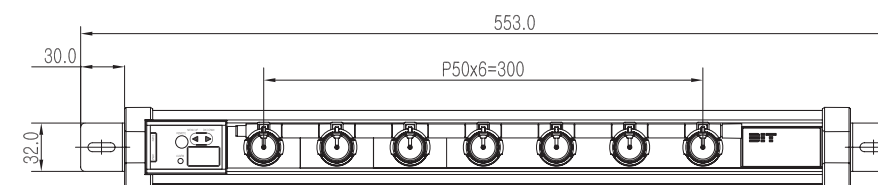
<Front View>



<Bottom view>



<Bracket rotation>



<Bottom view>

(Unit : mm)

Main Model	Length
AMB - L025	243mm
AMB - L030	293mm
AMB - L040	393mm
AMB - L050	493mm
AMB - L060	593mm
AMB - L070	693mm
AMB - L080	793mm
AMB - L090	893mm
AMB - L100	993mm
AMB - L110	1093mm
AMB - L120	1193mm
AMB - L130	1293mm
AMB - L140	1393mm
AMB - L150	1493mm

AMB-L Series의 길이는 최소 243mm에서 최대 1493mm 까지 50mm 간격으로 길이 대응이 가능한 제품입니다.

Bar Length : Sizes available from min 243mm up to 1493mm at 50mm intervals.

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