

# ION NOZZLE

## AZM-G11 / AZM-G12



AZM-G11(Standard)



AZM-G12(Optional)

### 제품사양 / Product Specification

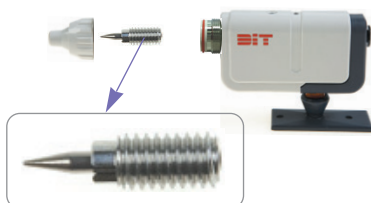
Category	Specification
입력 전압 (Input voltage)	DC 24V± 10%
입력 전류 (Input current)	200mA
소비 전력 (Power consumption)	Max. 5W
방전 전압 (Emitter voltage)	±4.0kV
출력 주파수 (Output frequency)	50kHz
이온 발생 방식 (Ion generating method)	Corona discharge
전압 인가 방식 (Voltage application method)	High-Frequency AC
재 질 (Material)	Body : ABS / Emitter pins : Tungsten
방전핀 교체 (Emitter replacement)	Replaceable
이온 밸런스 (Ion balance)	Under average ±15V
공급 에어 (Air)	종 류 (Type) CDA(Clean dry air), N2
	압 력 (Pressure) 0 ~ 0.5 MPa
	분출력 (Blow-off-force) 128L/cm <sup>2</sup> [0.3MPa]
	공급튜브 직경 (Air tube diameter) Ø6 (Outside)
오존발생량 (Ozone generation)	Under 0.05ppm
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



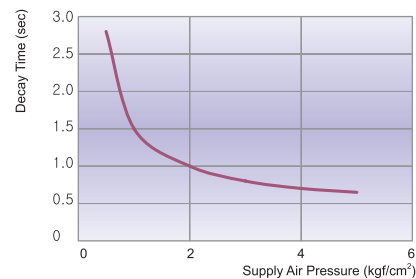
알람 출력 기능  
High voltage alarm output



간단한 청소 및 유지관리  
Easy cleaning and maintenance

### 제품성능 / Product Performances

#### Relation between Supply Air Pressure and Decay Time

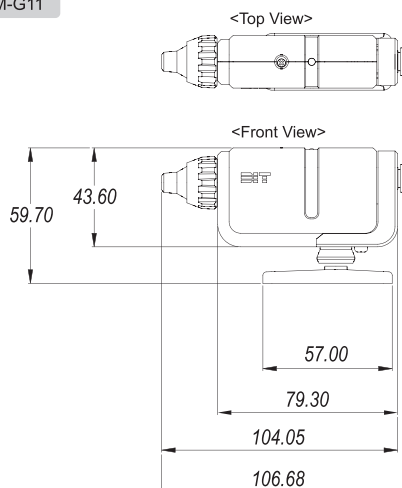


Air purge : 0.3MPa, Distance : 150mm, Measurement condition : 1kV → 0.1kV,  
Charged plate dimensions : 150mm x 150mm, Capacity : 20pF

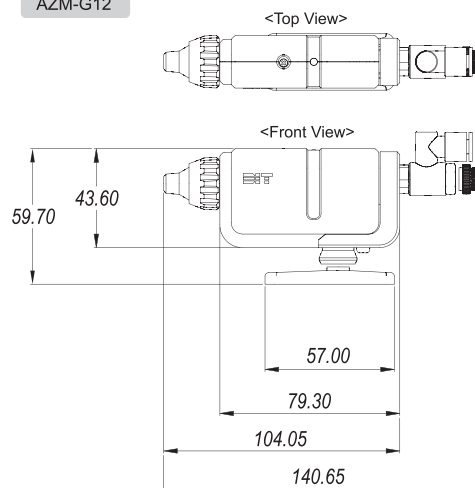
※ 상기 성능그래프는 당사 실험실 기준입니다.  
(This graph is based on our laboratory environment testing.)

### 제품외관도 / Dimensions

AZM-G11



AZM-G12



(Unit : mm)