

# ION NOZZLE

## ZM-G11 / ZM-G12



ZM-G11 (Standard)



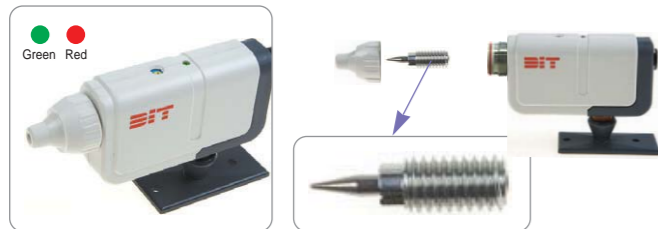
ZM-G12 (Option)

### 제품사양 / Product Specifications

Category	Specifications
입력 전압 (Input voltage)	DC 24V± 10%
입력 전류 (Input current)	200mA
방전 전압 (Emitter voltage)	±4.0kV
소모 전력 (Power consumption)	MAX. 5W
출력 주파수 (Output frequency)	50kHz
이온 발생 방식 (Ion generating method)	Corona discharge
전압 인가 방식 (Voltage application method)	High-Frequency AC
재질 (Material)	Body : ABS / Emitter Pins : Titanium
방전핀 교체 (Emitter replacement)	Replaceable
이온 밸런스 (Ion balance)	Under average ±15V
공급 에어 (Air)	종류 (Type) CDA(Clean Dry Air), N2
	압력 (Pressure) 0~0.5 Mpa
	분출력 (Blow-off-Force) 128L/m <sup>3</sup> [0.3Mpa]
	공급튜브 직경 (Air tube diameter) 6pi (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

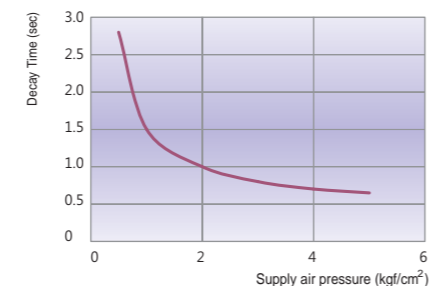


알람 출력 기능  
High voltage alarm output

간편한 청소 및 유지관리  
Easy cleaning and maintenance

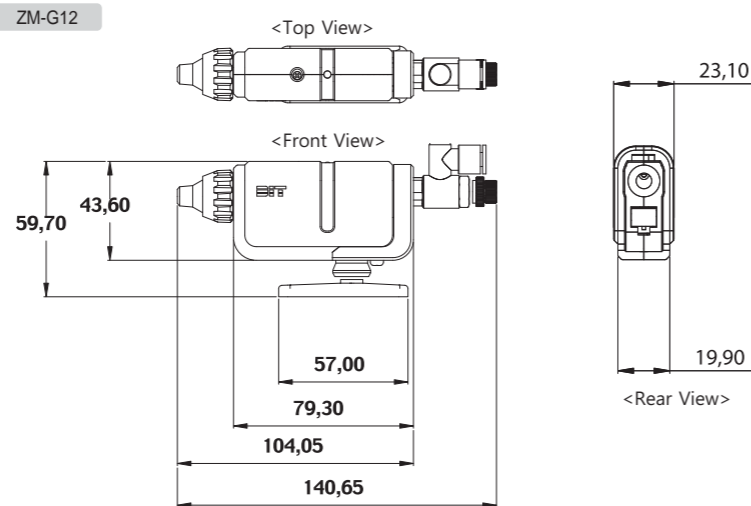
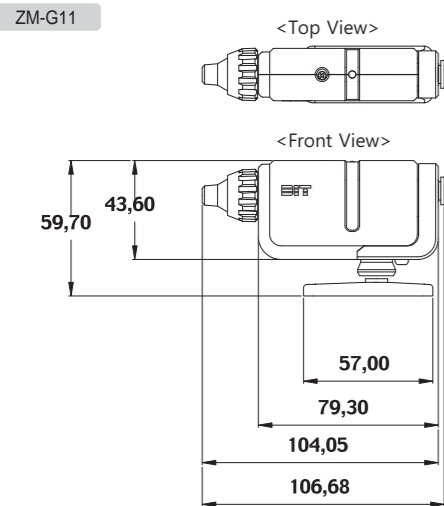
### 제품성능 / Product Performances

Relation between Supply air pressure and Decay Time



Air purge: 0.3Mpa, Capacity : 20pF, Distance : 150mm  
Charged plate dimensions : 150mm x 150mm, Measurement condition : 1kV→0.1kV  
※ 상기 성능그래프는 당사 실험실 기준입니다.  
(This graph is based on our laboratory environment testing.)  
(Unit : mm)

### 제품외관도 / Dimensions



# ION GUN

## ZM-G1G

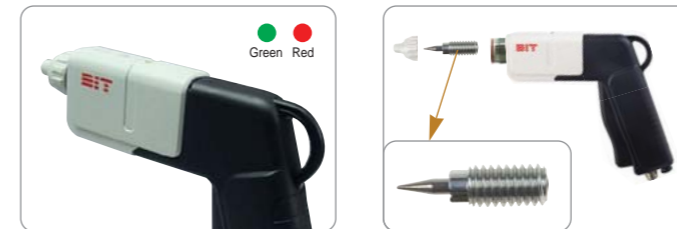


### 제품사양 / Product Specifications

Category	Specifications
입력 전압 (Input voltage)	DC 24V± 10%
입력 전류 (Input current)	200mA
방전 전압 (Emitter voltage)	±4.0kV
소모 전력 (Power consumption)	MAX. 5W
출력 주파수 (Output frequency)	50kHz
이온 발생 방식 (Ion generating method)	Corona discharge
전압 인가 방식 (Voltage application method)	High-Frequency AC
재질 (Material)	Body : ABS / Emitter Pins : Titanium
방전핀 교체 (Emitter replacement)	Replaceable
이온 밸런스 (Ion balance)	Under Average ±15V
공급 에어 (Air)	종류 (Type) CDA(Clean Dry Air), N2
	압력 (Pressure) 0~0.5Mpa
	유량 (Flow) / Per 1 emitter 128L/m <sup>3</sup> [0.3Mpa]
	공급튜브 직경 (Air tube diameter) 6pi (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

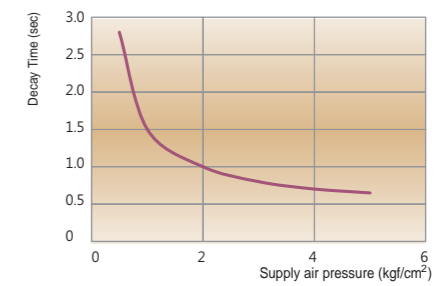


알람 출력 기능  
High voltage alarm output

간편한 청소 및 유지관리  
Easy cleaning and maintenance

### 제품성능 / Product Performances

Relation between Supply air pressure and Decay Time



Air purge: 0.3Mpa, Capacity : 20pF, Distance : 150mm  
Charged plate dimensions : 150mm x 150mm, Measurement condition : 1kV→0.1kV  
※ 상기 성능그래프는 당사 실험실 기준입니다.  
(This graph is based on our laboratory environment testing.)  
(Unit : mm)

### 제품외관도 / Dimensions

