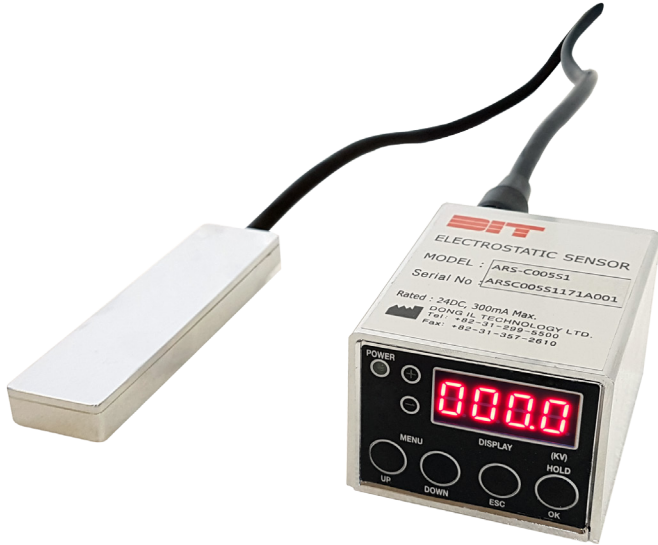


ELECTROSTATIC FIELDMETER

ARM-S050 Series

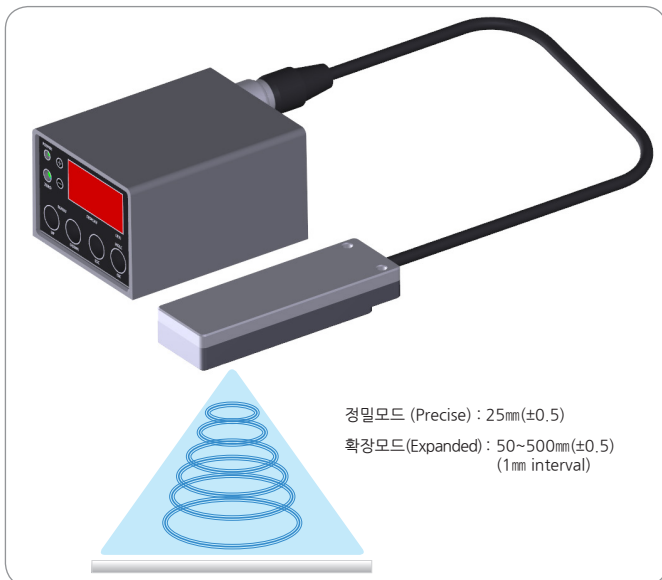


제품사양 / Product Specification

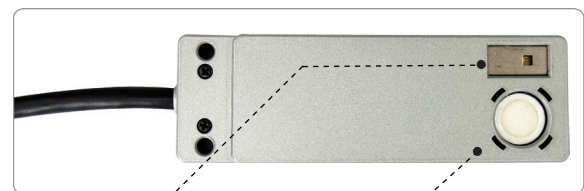
Category	Specification	
	전위 센서 (Electrostatic Fieldmeter)	초음파 센서 (Ultrasonic Sensor)
입력 전압 (Input Voltage)	+24VDC (±10%)	
소비전류 (Current Consumption)	<150mA	
센서 (Sensor)	Oscillating Chopper Type (DIT)	Reflex Type
측정 거리 (Sensing Distance)	정밀모드 (Precise)	25mm (±0.5)
	확장모드 (Expanded)	50~500mm (±0.5) (1mm interval)
측정 범위 (Range)	정밀모드 (Precise)	±2kV (±5%)
	확장모드 (Expanded)	±20kV (±10%)
해상도 (Resolution)	정밀모드 (Precise)	1V
	확장모드 (Expanded)	10V
정확도 (Accuracy)	정밀모드 (Precise)	±2kV (±5%)
	확장모드 (Expanded)	50~300mm : ±20kV (±10%) 301~500mm : ±20kV (±20%)
선형도 (Linearity)	±5% F.S	
응답 속도 (Response time)	200ms (Can be programmed)	
아날로그 출력 (Analog Output)	ARM-S050W1 (1~5V)	None
	ARM-S050U1 (0~5V)	
	ARM-S050C1 (4~20mA)	
통신 (Communication)	RS-485 Wire (30m) Communication	
디스플레이 (Display)	4-DIGIT FND	
외관 (Case)	ABS	Glass-Epoxy
사용온도 (Ambient temperature)	0℃~50℃	
사용습도 (Ambient humidity)	35~85% RH (Non condensing)	

※ 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



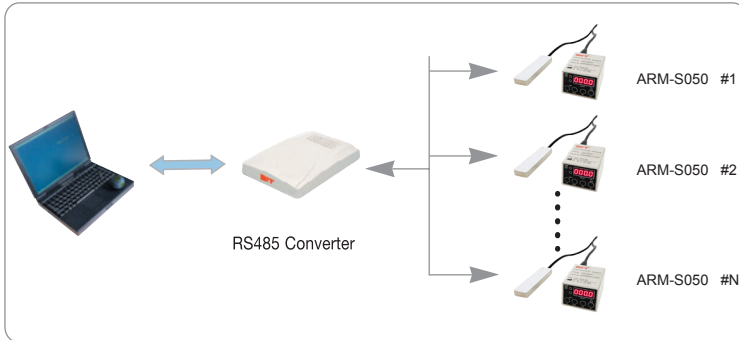
거리에 따른 대전체의 전위값이 자동으로 보정됩니다.
Electrostatic measurement value is automatically revised depending on distance of target.



- 전위센서
Electrostatic Fieldmeter
- 초음파 센서
Ultrasonic Sensor

전위센서와 거리센서가 일체화되었습니다.
Measuring electrostatic and distance simultaneously.

ELECTROSTATIC FIELDMETER



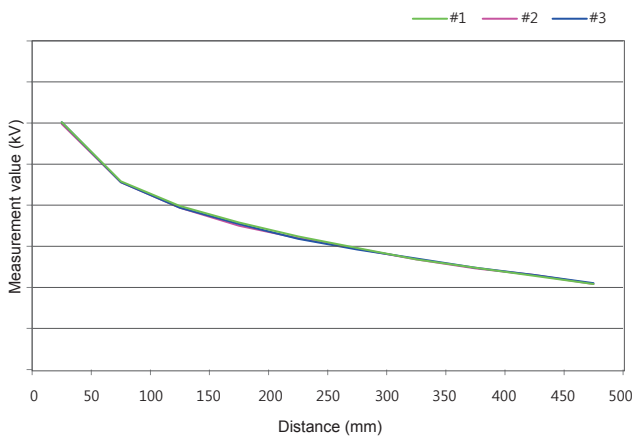
1대의 컴퓨터로 최대 30대의 ARM-S050 Series를 실시간 모니터링 할 수 있습니다.
[RS485통신 사용]
User can monitor up to 30 ARM-S050 Series units in real-time with one computer.
[using RS485]



모니터링 프로그램 무료제공. (* 별도의 UI 변경/제작 불가)
Free monitoring program can be down-loaded on web-site (* Customizing UI is not available)

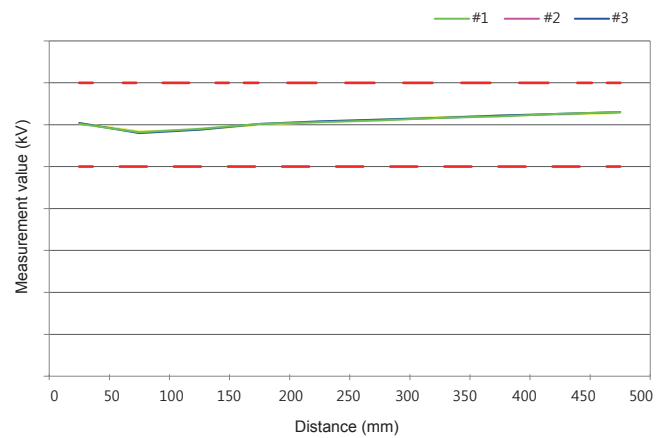
측정 그래프 / Measurement Graph

Electrostatic Measurement Value With Distance (Before Correction)



Charged plate dimensions : 1500mm x 1500mm, Charged plate voltage : 3kV

Electrostatic Measurement Value With Distance (After Correction)



Charged plate dimensions : 1500mm x 1500mm, Charged plate voltage : 3kV

* 상기 성능 그래프는 당사 실험실 기준입니다. (This graph is based on our laboratory environment testing.)

제품외관도 / Dimensions

(Unit : mm)

