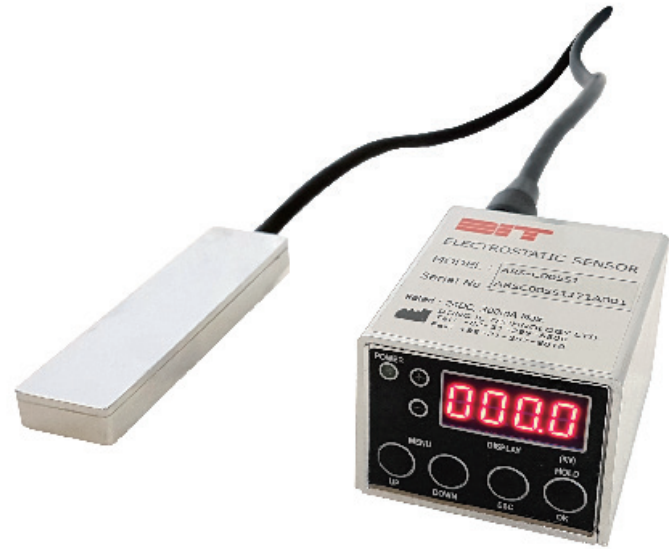


ELECTROSTATIC FIELDMETER

ARM-S050 Series

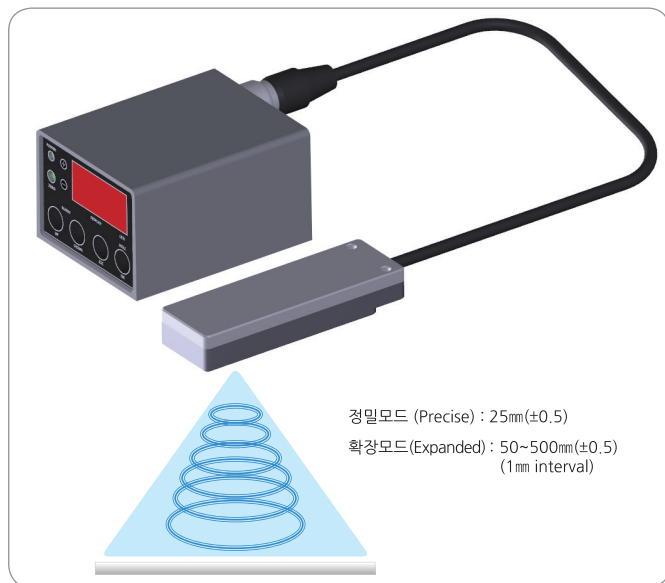


제품사양 / Product Specification

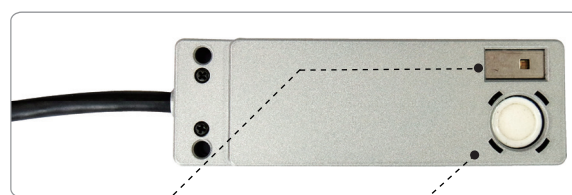
Category	Specification		
	전위 센서 (Electrostatic fieldmeter)	초음파 센서 (Ultrasonic sensor)	
입력 전압 (Input voltage)	+24VDC (±10%)		
소비전류 (Current consumption)	〈150mA		
센서 (Sensor)	Oscillating chopper type (DIT)	Reflex type	
측정 거리 (Sensing distance)	정밀모드 (Precise)	25mm (±0.5)	50~500mm (Target : 100×100 plate)
	확장모드 (Expanded)	50~500mm (±0.5) (1mm interval)	
측정 범위 (Range)	정밀모드 (Precise)	±2kV (±5%)	
	확장모드 (Expanded)	±20kV (±10%)	
해상도 (Resolution)	정밀모드 (Precise)	1V	0.5mm
	확장모드 (Expanded)	10V	
정확도 (Accuracy)	정밀모드 (Precise)	±2kV (±5%)	50~300mm : ±20kV (±10%) 301~500mm : ±20kV (±20%)
	확장모드 (Expanded)		
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 (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

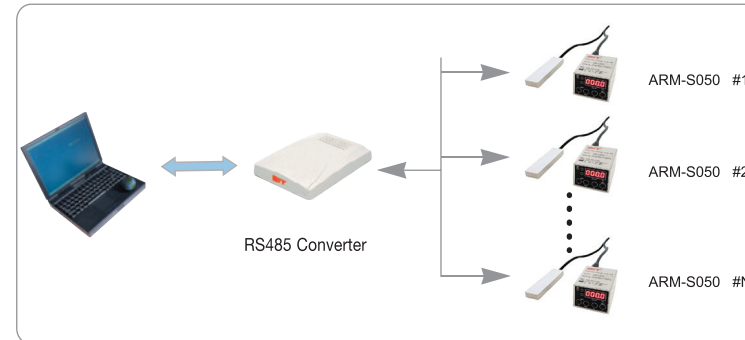


거리에 따른 대전체의 전위값이 자동으로 보정됩니다.
Electrostatic measurement value is automatically revised depending on distance of target.



전위센서와 거리센서가 일체화되었습니다.
Measuring electrostatic and distance simultaneously.

ELECTROSTATIC FIELDMETER



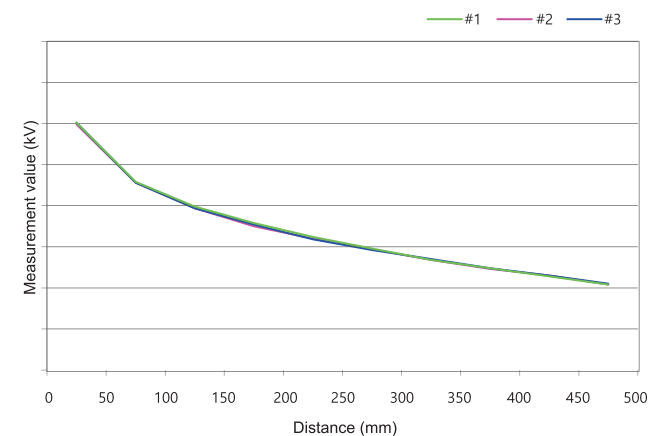
1대의 컴퓨터로 최대 30대의 ARM-S050 Series를 실시간 모니터링 할 수 있습니다.
[RS485통신 사용]
User can monitor up to 30 ARM-S050 Series units in real-time with one computer.
[Using RS485]



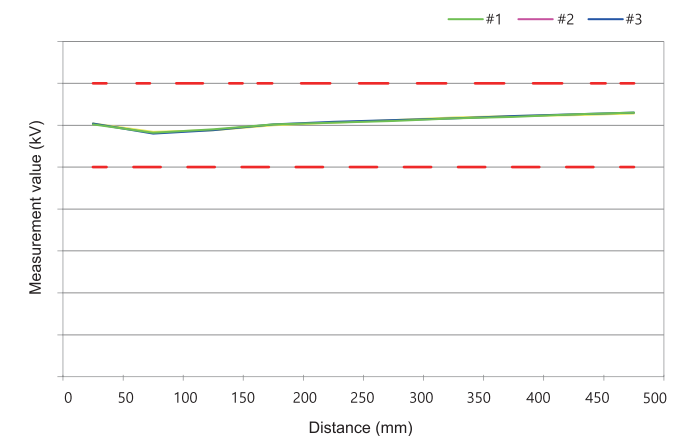
모니터링 프로그램 무료제공 (※ 별도의 UI 변경/제작 불가)
Free monitoring program can be down-loaded on web-site (※ Customizing UI is not available)

측정 그래프 / Measurement Graph

Electrostatic Measurement Value with Distance
(Before Correction)



Electrostatic Measurement Value with Distance
(After Correction)



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

제품외관도 / Dimensions

