

TensION Voltage Detector

The TensION Voltage Detector enables the user to check both AC and DC static neutralizing and charging products. Without making contact with the actual equipment, it provides an easy and safe way to check if high voltage is present. The tip of the TensION Voltage Detector illuminates when high voltage is detected, providing an immediate indication that the equipment is energized.



Test Method

Hold the TensION at a distance from the ionizing points / emitters. If a high voltage is present, a red indicator in the plastic tip will illuminate. To get an indication of proper functioning of the Simco-Ion equipment all the emitters should be checked.

Minimum distance from the TensION to the ionizing emitters or charging points must be followed. Please refer to the Measuring Distance information in the below Specifications.

Specifications

Measuring Distance	Operating Voltage	Minimum Distance
	3.3kV	.2" (5 mm)
	4 kV	.25" (6 mm)
	5 kV	.4" (10 mm)
	7 kV	.5" (13 mm)
	10 kV	.8" (20 mm)
	30 kV	3.15" (80 mm)
Power	2 size AAA batteries 1.5V (included)	
Dimensions	5.8 in L x .7 in W (148 mm L x 17 mm W)	
Weight	40 grams	
Material	Radilon-S HS(a), BE 170MO IP64	
Operating Temperature	-10°C - +50°C	
Approval	CE	

Note: The Simco-Ion TensION only indicates if there is high voltage present on the ionizing emitters or charging points, it is not a performance test. For performance testing of Simco-Ion equipment an [FMX-003](#) or [FMX-004](#) electrostatic fieldmeter can be used.

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