Operating instructions:

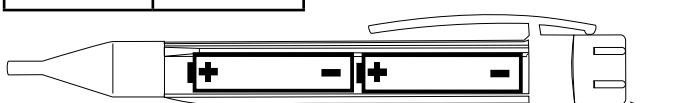
To ensure correct operation before using the Volt Stick, check on a known live condition first. Replace weak batteries immediately!

The Simco Tens*ION* can be used to check AC/DC Simco discharging and charging equipment. Tens*ION* indicates whether a high voltage is present on the ionising emitters or charging points. It is possible to test anti static bars as well as charging bars.

Test method
Hold the Tens*ION* at a distance from the ionising 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 equipment all the emitters should be checked.

Minimum distance from the Tens*ION* to the ionising emitters or charging points must be obtained. Refer to the table below:

Operating Voltage	Minimum distance
3,3 kV	5 mm
4 kV	6 mm
5 kV	10 mm
7 kV	13 mm
10 kV	20 mm
30 kV	80 mm



Open this end to insert batteries

Technical specifications:

Power:	2 size AAA replacable batteries 1,5 volts.
Mesurement catagory:	CAT I, please refer to the table above
Weight:	40 grams
Dimensions:	Length 148 mm, diameter maximum 17 mm
Material:	Radilon-S HS(a), BE 170MO IP64
Operating temperature:	-10ºC - +50ºC

Note!
- The Simco Tens*ION* only indicates if there is high voltage present on the ionising emitters or charging points, it is not a performance test.
- For performance testing of Simco equipment an FMX-003 electrostatic fieldmeter can be used.
- Follow the instructions set out in this manual to ensure proper and safe operation of this product.

Tens*ION* 97.52.02.06.20 03/10

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SIMCO
Worldwide Leaders in Electrostatics
An Illinois Tool Works Company

Tens*ION*

Voltage detector

- No contact required
- Safe operation

The Simco Tens*ION* can be used to check AC/DC Simco discharging and charging equipment. Tens*ION* indicates whether a high voltage is present on the ionising emitters or charging points.

Batteries included; 2x AAA



Do not touch voltages >1000V

IEC 61010-1 CAT I

CE