

**Operating instructions:**

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

The Simco-Ion Tens/ON can be used to check AC/DC Simco-Ion discharging and charging equipment. Tens/ON 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/ON 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-Ion equipment all the emitters should be checked.

Minimum distance from the Tens/ON 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

188 mm



Open this end to insert batteries

**Technical specifications:**

Power: 2 size AAA replacable batteries 1,5 volts.  
 Measurement category: 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: -10°C - +50°C

**Note!**

- The Simco-Ion Tens/ON 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-Ion 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/ON\_UM\_9752020620\_GB\_V2\_0

# Tens/ON

## Voltage detector

- No contact required
- Safe operation

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

▶ Batteries included; 2x AAA



### Contact

Simco Nederland B.V.  
 PO Box 71  
 Aalsvoort 74,  
 7240 AB Lochem  
 Netherlands  
 Tel.: +31 (0)573 288333  
 Fax: +31 (0)573 257319  
 general@simco-ion.nl  
 www.simco-ion.nl

