

1. SCOPE AND OBJECTIVES

IONEX d.o.o., Slomškova 25, 1000 LJUBLJANA, orders control measurements of ozone concentrations during the operation of the IONEX air ionizer. Measurements of ozone concentration in the air were performed near the IONEX ionizer during operation, in a closed laboratory at the location of ZVD d.o.o., Chengdujska cesta 25, 1260 Ljubljana-Polje.

In order to exclude the possible presence of ozone in the measured space, we also performed ozone measurement when the IONEX air ionizer was not working.

In accordance with the procedure, ozone measurements were performed during the operation of the IONEX ionizer from 8:00 AM on April 15, 2020 to 8:00 AM on April 17, 2020. Before that, we checked the ozone concentration in the room without the operation of the ionizer. The measuring range of the ozone meter is between 0.005 and 0.5 ppm.

Ozone measurements were performed during the operation of the IONEX CLASSIC ionizer, which uses a carbon brush to form negative ions. All other IONEX models listed below also use the same carbon brush with the same carbon thread length and emit the same number of negative ions in their operation. Due to the above, the obtained results can also be taken into account in the following models of ionizers:

1. IONEX 220-240V
2. ionex savna 220-240V
3. ionex audio 220-240V
4. Sanozen 220-240V
5. Primus 220-240V
6. IONEXAir 220-240V
7. IONEXAir 12/24V
8. IONEX 12/24V
9. IONEX MAX

2. MEASURING PROCEDURES AND MEASURING DEVICES

2.1 Ozone concentrations were measured with an AEROQUAL 500 direct measurement instrument with an ozone sensor based on Gas Sensitive Semiconductor (GSS) technology and in accordance with the ZVD DP-LET-59 operating procedure.