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Neion Flyer		2	1 | 1
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10X GC®	NEION		2025-01-12

Turning Negative to Positive

Improve your well-being with 20 million negative ions per second. The NEION+ mobile Air Sanitizer is designed to provide environmental air treatment through ion generation.

Despite their name, negative ions are electrically charged particles that may be beneficial in certain environmental contexts, while positive ions are electrically charged particles with different charge polarity. Ions are molecules or atoms carrying an electrical charge.

Negative ions are oxygen atoms with additional negatively charged electrons, while positive ions are atoms or molecules that have lost one or more electrons. The human body is exposed to environmental ions, including positively charged particles present in ambient air.

These unpaired charged particles may interact with biological structures and cellular components in the body and may contribute to cellular stress and damage at the molecular level. Reported sources of airborne particulate matter include smoke, bacteria, viruses, pollen, and other airborne particles.

Negative ions may interact with positively charged particles, leading to aggregation, increased mass, and subsequent deposition from the air. In such interactions, airborne particulate structures may undergo physical modification due to charge neutralization effects.

Negative ions may contribute to environmental particle neutralization and may influence air quality parameters, including reduction of airborne particulate concentration.

NEION+ AIR SANITIZER benefits

1. NEION+ releases negative ions by electrically charging air molecules. While other air sanitizers release only 3–10 million negative ions per second, NEION+ releases 20 million negative ions per second.

2. NEION+ was reported to achieve up to 99.97% reduction of H1N1 influenza virus under specified test conditions.

3. The device covers an area of up to 1 meter in diameter at maximum capacity for 20 hours, with nearly zero ozone emission.

4. NEION+ may be used at work, in enclosed or crowded environments, or while traveling.



