

No more suffering from unpleasant odors and choking smoke, thanks to the double effects of light and ions We succeed in creating clean and safe environment

It gets rid of unpleasant odors!

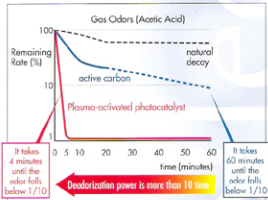
10 times
improvement in
deodorizing
performance

Triple deodorizing effect by Discharge, ozone and Photocatalyst!

Strong resolving power by
applying natural energy.

The Plasma-activated photo-catalyst is the world first air cleaning system that makes use of three processes (discharge, ozone oxidation and photo-catalysis) for air deodorizing & sterilizing. Harmful chemicals are broken down into natural molecules such as carbon dioxide and water. Airborne micro-organisms are either killed or inactivated into harmless components within a short period of time. The speed of deodorization is 10 times faster than that of activated carbon. (Research by Toshiba).

Comparison of Deodorizing Speed between Plasma-activated Photocatalyst and Activated Carbon



Toshiba's research: measuring booth: approximately 7m³

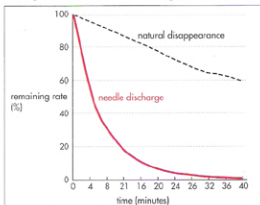
Clearing huge amounts of smoke.

Needle discharge can capture smoke in a large space

Distinctive dust collecting
power with large
number of ions.

When voltage is applied to the needles, oxygen in the air forms positive ions that combine with airborne particles and attach themselves to a negatively charged dust collection board. The needle discharge two-step charging system offers excellent dust collection efficiency; a large number of ions generated assure collection of even minute particles, and the ability to clean a large area.

Comparison in dust collecting efficiency



dust collection
rate of over

98%