

ENJOY FRESH AIR  
INTELLIGENTLY

# iS1005-PLASMA

*You will feel like being in nature*

In the early 1900's, Albert Einstein and Conrad Habicht discovered that the number of activated oxygen ions at high altitude was much greater than at low altitude. Ion is a natural bio-climate rich in active oxygen molecules so we will feel as clean as the air in nature; high on the mountain tops, in the forest, near a waterfall.

*About innoclean innoScrubber iS1005*

Lots of plasma ions are formed as air travel over the innoclean plasma ionization tubes. innoclean Bipolar Ionization creates its own fresh and clean natural bio-climate rich in active oxygen molecules. These ions are moving to attack pollutants such as particle, chemical gas, and bad odor, etc.

## *Main Benefits*

### Sterilization of mold and bacteria

Oxygen ions inhibit the growth of mold and cause the reduction of bacteria by penetrating the cell's split zone preventing cell division.

### VOC and Chemical Control

Volatile Organic Compounds (VOCs) are emitted as gases where there is carpeting, building materials, furniture, office equipment, cleaning agents, paints, glues, solvents or pesticides. The ions trade electrons with these VOCs breaking down their molecular structures into carbon dioxide (CO<sub>2</sub>) and water (H<sub>2</sub>O).

### Particle Reduction

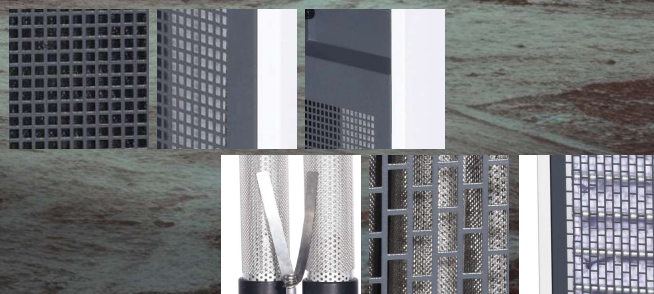
Airborne particles are charged by the ions through ionic bonding. These charged particles stick together increasing their size then fall to the floor where they are rendered harmless.

### Odor Neutralization

Odorous gases and aerosols oxidize on contact with active oxygen molecules. Odors, especially of an organic origin, are quickly eliminated.

### HCHO removed

Plasma efficiently removes odor pollution sources caused by formaldehyde, volatilization and residual substances.



## innoScrubber iS1005 - Application

innoScrubber iS1005 is designed for different environments. It can be used in industrial Area, medical sector, business areas, public Places, formaldehyde volatile organic compounds VOCs, strong odors and so on. Here are some examples of applications: Home, schools, hospitals, animal hospitals, nursing homes, offices, clubs, restaurants, commercial buildings, rest room, workshop.



### Specification



Brand	innoclean (Australia)
Product name	innoScrubber
Model	IS1005-Plasma
Installation	Freestanding with roller
Services Area (ft <sup>2</sup> )	600 - 800 ft <sup>2</sup>
<u>Purification process by</u>	
Pre-filter	Yes
Plasma ionization	2 x F tube
HEPA filter	Standard
Carbon filter	Option
Generators replacement	Every 14000 - 22,000 hours
Air flow (m <sup>3</sup> /h)	380 m <sup>3</sup> /h (Adjustable)
Speed control	1 - 10
Ion control	1 - 3
Direction of air flow	Right to left
Dimensions (H x W x D)	87 x 37 x 25.5 cm
Weight (kg)	20
Power supply	220 V / ~1 / 50 Hz
Power	140W
Made in	China