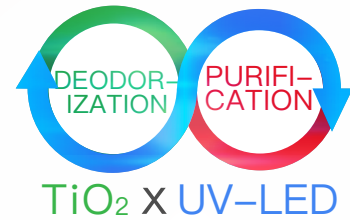
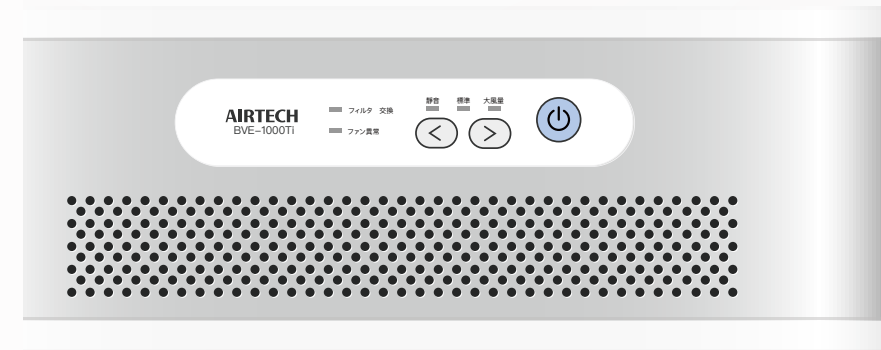


Photocatalyst Air Deodorizer

BVE-1000Ti



AIRTECH



AIRTECH

AIRTECH SYSTEM CO., LTD.

Head Office / Factory I

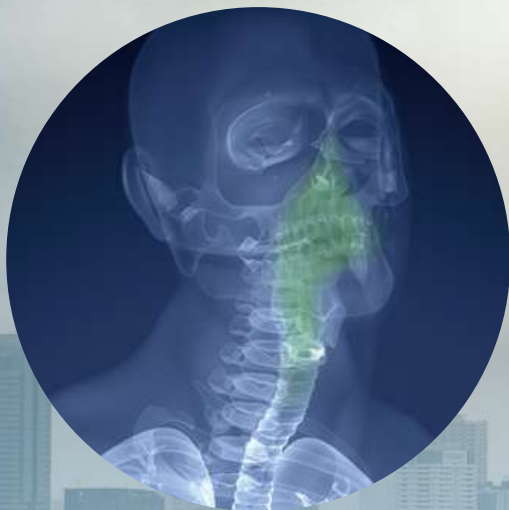
No.58-1, Guangfu Rd., Hsinchu Industrial Park, Hsinchu County 303-51, Taiwan
TEL / 03-6105668 FAX / 03-5972734

Factory II

No.84, Guangfu North Rd., Hsinchu Industrial Park, Hsinchu County 303-51, Taiwan

Business Contents

Design, manufacture and sales of total cleanroom equipment, Air Shower, Air Curtain, Clean Booth, Biosafety Cabinet, Fan Filter Unit, Fume Hood, Hand Washer Dryer, H.O.Generator, Isolator, Clean Bench, Cleaning Unit, Pass Box, RABS, TCC, Biohazard System, etc.



PM₁₀ Disadvantage of nose and trachea

It is the particulate matter smaller than 10µm that can penetrate cilia and mucosa.



PM_{2.5}

It is the particulate matter smaller than 2.5µm. It is easier to adsorb toxic substance such as heavy metal. It harms our alveolar and blood.

Insist on high quality The new Photocatalyst Air Deodorizer

What we work toward is providing superior clean technology to schools, hospitals, labs, semiconductor industries, biotechnology industries, and high-end vaccine factories with well-rounded consideration. Thank you for accompanying with AIRTECH so that we go beyond ourselves. We would like to present the Photocatalyst Air deodorizer ”BVE-1000Ti” which is suitable for hospitals, nursing homes, and comfort stations. We insist on the high quality concept. We strive to bring you a purified air without odor so as to guard your health.

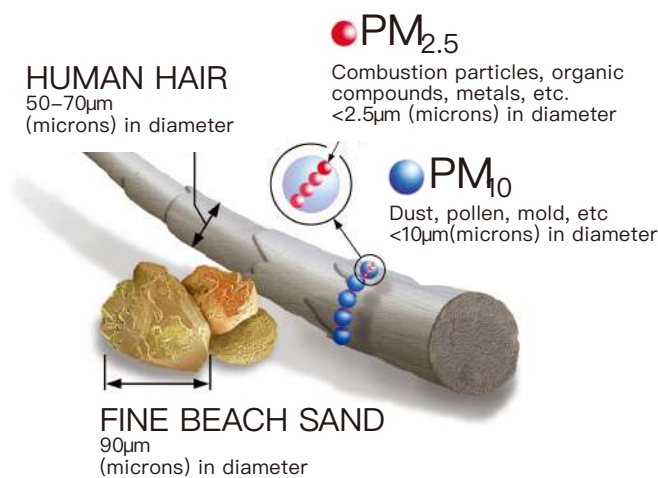
PM_{2.5} Particulate Matter Invisible fatal risk

The diameter of this invisible particulate matter is less than or equal to 2.5µm, and its size is as big as germs. Since dioxin and heavy metal can cohere with particulate matter easily, it is harmful to our health if we inhale it.



PM_{1.0}

Inhale PM1.0 with toxic substance by lung and goes to other organs through the blood.



3^{steps} Smart System

Remove the harmful substance, return air essence

2 High efficiency HEPA filter

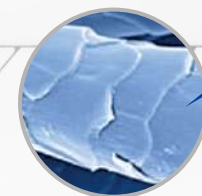
With EPDM and unique packing design, the HEPA filter filters particles without omit. It is able to filter particle $>0.3 \sim 0.5\mu\text{m}$ at 99.998%. All of the filters are tested with particle counter and PAO leak test. Each filter comes with a test certificate.



Filter $>PM_{2.5}$ particulate matter

1 Washable Pre-filter

Filter visible dust and hair. It can be cleaned by water. No need to replace it.



Completely extend HEPA filter service life by filtering dust and hair.

3 UV-LED PhotoCatalyst

Bacteria and molds are proven to be free at 99.9%

The photocatalyst filter coated with titanium dioxide is able to intercept the floating matter in the air. After the filter is exposed to the UV light, the substances are decomposed for an odor-free environment.



The effect is better than O_3 and anion. With a better decomposition ability, the Air Deodorizer provides a cleaner air without odor.

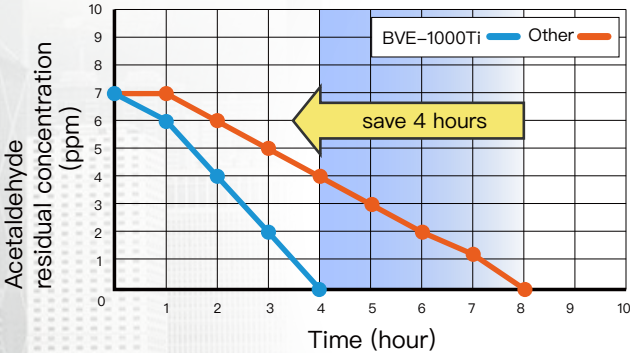
Adopt 3 superb decomposition and clean-up procedures (non-woven fabric, HEPA, photocatalyst). Break down floating substances in the air, allergen, Acetaldehyde, Ammonia, musty smell, and odor.



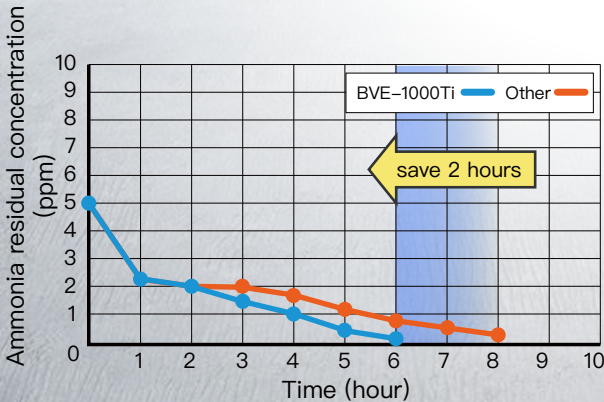
4hr Deodorant

Compare the deodorant performance with otherbrand with 5ppm of Acetaldehyde and 7ppm of Ammonia.

Acetaldehyde deodorization test results
Reduce 2ppm of concentration per hour averagely.

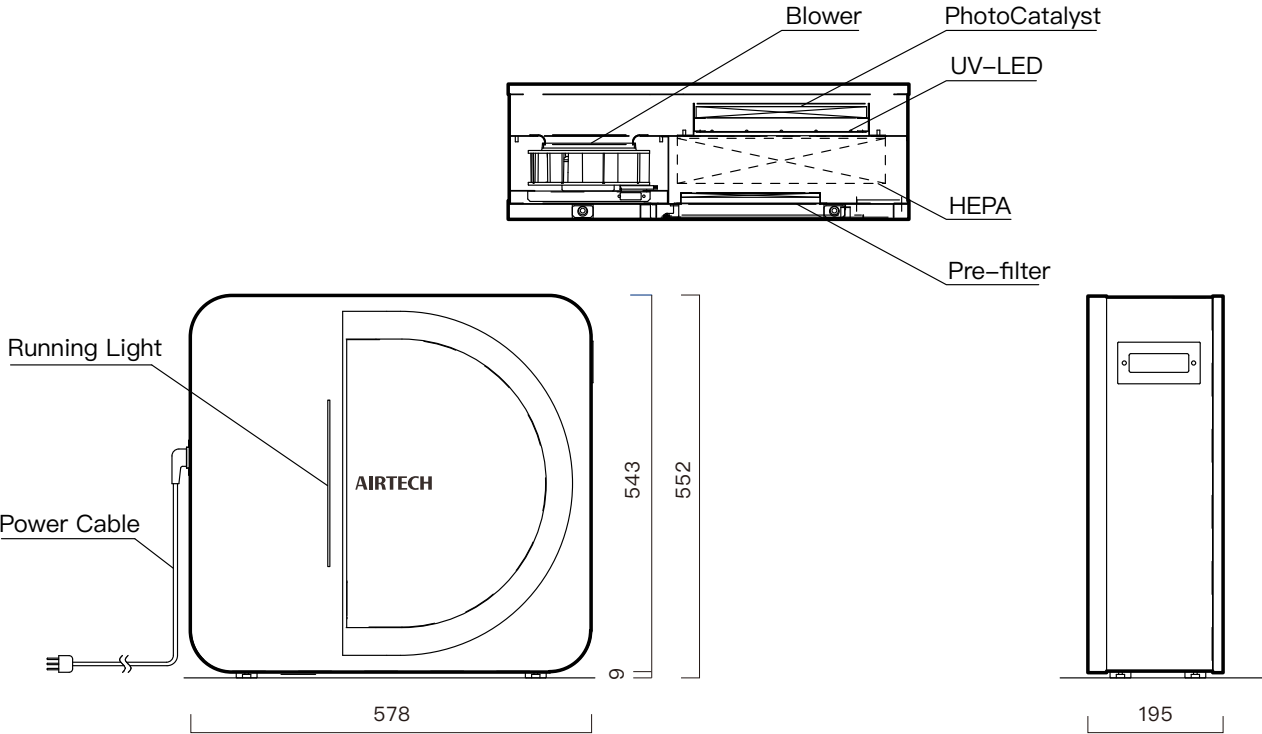


Ammonia deodorization test results
Reduce 1ppm of ammonia ethanol concentration per hour averagely



※Detection unit | 関東化学株式会社
※Deodorant performance test is located in 6 square feet 3000W x 2700D x2500H

Specification



Particle Efficiency

HEPA 0.3~0.5μm 99.998%

Product details

Main Filter	HEPA Filter	Deodorant media	PhotoCatalyst		
Pre-Filter	Nylon Filter(Washable)	Air Volume Mode	Strong	Standard	Quiet
Weight	16kg	Air Volume(m³/min)	3.5	2.5	1.2
Construction	Coldrolled Steel with Baked Painting	Noice(dBA)	57	52	31.5
Power	AC 100V 1Φ50/60Hz	Power Consumption(W)	85	51	32