

AURABEAT

AG+ 雙離子消毒空氣淨化器

AG+ Silver Ion Plasma Sterilization Air Purifier



香港研發 科研實證

Research and Development in Hong Kong

銀離子技術 | 紫外線殺菌 | 等離子消毒

Silver Ions Air Filtration | UV Disinfection | Plasma Sterilization

三重淨化，消滅冠狀病毒等各類病毒細菌懸浮粒子

3 different purification mechanisms to eliminate coronavirus, other virus and bacteria

研究指出，銀離子可以5分鐘內消滅多於99.9%冠狀病毒

Researches show that silver ions can destroy more than 99.9% of coronaviruses in 5 minutes

銀離子空氣過濾技術

Silver ion air filtration

銀離子被譽為病毒剋星，在醫學上早已被廣泛應用

Silver ions: Nemesis of virus, it has been widely used in medical applications

- 有效降解及破壞病毒
 - 壓抑病毒活躍性及感染性
 - 破壞病毒的 DNA 及 RNA
 - 阻止病毒依附及入侵細胞
 - 抑制病毒複製
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- Effectively decompose viruses
 - Suppress viral activity and infectivity
 - Destroy virus DNA and RNA
 - Prevent virus attachment and invading cells
 - Inhibits virus replication

同時採用 3 種消毒功能多重保障

3 different purification mechanisms are used at the same time

銀離子空氣過濾技術

Silver ion air filtration

紫外線殺菌

UV sterilization

等離子消毒

Plasma disinfection

AG+ 第一代有效保護範圍為538 平方尺，足以保護一般家居 辦公室 及 小店，大幅降低空氣飛沫傳播病毒的風險

The effective protection range of the first generation of AG + is 538 square feet, which is enough to protect ordinary home, offices and small shops, it greatly reduces the risk of virus transmission via air.

AG+ 介紹短片 Introduction video

市面一般空氣清新機能否勝任是次防疫任務？

Are the general air purifiers in the market qualified to fight against this epidemic?

- "武漢肺炎" (COVID-19) 可以透過飛沫空氣傳播，甚至懷疑透過鄰舍傳播，家居防禦成為關鍵之一
- "Wuhan Pneumonia" (COVID-19) can be transmitted through droplets, and even suspected to be transmittable in neighbourhood. Home defence against the virus would be essential

市面上一般產品相比起 AG+ 的不足：

Advantages of AG+ compared to general products on the market:

- 殺菌效能 ≠ 消滅病毒效能
- 消滅一般病毒 ≠ 消滅冠狀病毒
 - Bactericidal efficacy ≠ Virus elimination efficacy
 - Eliminate common viruses ≠ Eliminate coronavirus
- 市面上大部分空氣清新機，只能將飛沫細菌病毒阻隔於濾芯表面，而濾芯本身沒有消滅病毒的功能，病毒可以在濾芯上存活。當濾芯飽和，上面積存的塵埃及懸浮粒子以及病毒會重新進入空氣。更換與清洗濾芯時，會將積存的病毒揚進空氣，令家居有感染的風險。

Most air purifiers on the market can only physically block bacteria and viruses on the surface of their filters, while the filter cannot destroy the virus, allowing them to survive on the filters. When the filter is fully loaded, dust particles and viruses on the filter surface will re-enter the air. When replacing or cleaning the filter, the accumulated virus will also re-enter the air, putting your home at risk of infection.

香港研發 科研實證

Research and development in Hong Kong, with scientific evidence

AG+ 產品概覽 Product Overview

- 香港科研，學者博士團隊，並有充分研究證明 AG+ 採用的空氣消毒、殺菌、淨化技術的可靠性，能有效消滅冠狀病毒
- 三重消毒過濾技術：銀離子、等離子及紫外線技術，高效空氣潔淨保障
- 應用場景：住宅、大廈大堂、小店、辦公室、酒店房等 538 呎以內室內空間
- 預計三月開始發貨（疫情期間物流及生產時間有機會受影響，本公司會盡快交貨予分銷商）
- 免費包一年保養

• Research and development in Hong Kong by a team of scholars and doctors. Many researches show that the air disinfection, sterilization and purification technologies used by AG+ can effectively eliminate coronavirus

• Triple disinfection and filtration technologies: silver ion, plasma and ultraviolet technologies, guarantee high efficiency air purification

• Application scenarios: residential, building lobby, shops, offices, hotel rooms, etc.

• Shipment is expected to begin in March (logistics and production time may be affected during the epidemic, and the company will deliver to distributors as soon as possible)

• Free one-year warranty

AG+ 雙離子消毒空氣淨化器

- 採用銀離子空氣過濾技術，銀離子被譽為病毒剋星，在醫學上早已被廣泛應用
- 研究指出，銀離子可以在 5 分鐘內消滅多於 99.9% 冠狀病毒
- 有關技術可以：有效降解及破壞病毒、壓抑病毒活躍性及感染性、破壞病毒的 DNA 及 RNA、阻止病毒依附及入侵細胞、抑制病毒複製
- 同時採用紫外線殺菌及等離子消毒功能，多重保障
- AG+ 第一代有效保護範圍為 538 平方呎，足以保護一般家居 辦公室 及 小店，大幅降低空氣飛沫傳播病毒的風險
- 第一批次已經投產，預計最快三月進入市場
- 本公司產品包一年保養

- Using silver ion air filtration technology, as the nemesis of virus, silver ion has been widely used in medical applications
- Studies show that silver ions can destroy more than 99.9% of coronaviruses in 5 minutes

The technology can effectively decompose viruses, suppress virus activity and infectivity, destroy virus DNA and RNA, prevent virus attachment and invading cells, and inhibit virus replication

- Use together with UV sterilization and plasma sterilization functions, guaranteed high efficiency of sterilization
- The effective protection range of the first generation of AG + is 538 square feet, which is enough to protect ordinary home offices and small shops, greatly reducing the risk of virus transmission via air
- The first batch has been put into production and is expected to enter the market in March
- One-year warranty included

研究指出銀離子能夠有效消滅以下病毒，細菌及真菌：

Studies indicate that silver ions can effectively destroy the following viruses, bacteria and fungi:

- 病毒 viruses：冠狀病毒 (Coronavirus)、A 型流感病毒 (Influenza A Virus)、單純皰疹病毒 (Herpes Simplex Virus)、人類免疫缺乏病毒 (Human Immunodeficiency Virus)
- 細菌 bacteria：金黃色葡萄球菌 (Staphylococcus Aureus)、大腸桿菌 (Escherichia Coli)、綠膿桿菌 (Pseudomonas Aeruginosa)
- 真菌 fungi：白色念珠菌 (Candida Albicans)、抗藥性念珠菌 (Candida Krusei)、黃麴霉 (Aspergillus Flavus)、青黴菌 (Penicillium Vulpinum)

相關文獻《免疫學和過敏學檔案 2018:1:1》《催化通訊 2004:5》

Related Literature “Archives of Immunology and Allergy 2018:1:1” “Catalysis Communications 2004:5”

AG+ 產品結構

AG+ Product structure



- 初效濾網：攔截毛髮、纖維絨、大顆粒物、皮屑等，可用吸塵機清潔重複使用
 - Pre-filter: captures hair, fiber, large particles, dander, etc., can be vacuumed and reused
- 高效銀離子空氣過濾器：有效殺滅人類冠狀病毒，病菌，高效濾除小至 0.01 微米的微粒子。如看不見的塵埃、PM 顆粒物等污染物。
 - High Efficiency Silver Ion Air Filter: This HEPA filter is an H12 filter by European standard, effective at capturing small particles. It has low penetration, large capacity for holding dust, high clean air delivery rate can effectively filter smoke and dust, especially for PM2.5, efficiently filtering particles as small as 0.01 μ m. The filter combined with silver ions can effectively kill human coronavirus, general virus, bacteria and mold.
- 納米礦晶過濾器：採用海泡石、矽藻土、等多種天然珍稀非金屬礦物質製成納米級吸附礦晶，特殊專有技術淨化有害氣體、甲醛、苯、VOC 及其它異味污染物。
 - Nano-crystalline Filter: Sepiolite, diatomaceous earth, and other natural rare non-metallic minerals are used to make nanocrystalline materials which clear harmful gases, formaldehyde, benzene, VOC and other smelly pollutants.
- UV 殺菌層：高效低功耗 UV 燈，具有殺菌滅病毒功效。
 - UV disinfection layer: UV lamp with high efficiency and low power consumption for sterilization and killing virus.
- 等離子消毒層：高效高速殺滅細菌，黴菌和病毒，分解有毒致癌氣體(甲醛及其他揮發性有機物)
 - Plasma sterilization: The positive and negative ions generated by the plasma generator neutralize in the air and produce huge energy, which results in the change of the microorganism structure around or the conversion of energy, thereby destroying the microorganisms. As the number of negative ions is greater than that of positive ions, excess negative ions are still floating in the air, which can remove smoke, dust removal, smell, and improve air quality and health.

AG+ 產品規格

AG+ Technical Specifications

型號：	Model No.:	NSP-X1
額定電壓 (V)：	Voltage	AC220V
功率：	Power	95W
產品尺寸：	Product Dimensions	390x211x628mm
運行最大噪音 DB：	Noise Level dB	≤63
潔淨空氣流量 CADR 值(m ³ /h):	Particulate CADR (m ³ /h)	370
適用面積 (m ²):	Max. Area (m ²)	40-50
銀離子消滅病毒	Silver ion for antiviral	✓
等離子殺菌淨化	Plasma sterilization	✓
HEPA 過濾	HEPA Filter	✓
UV 殺菌淨化	UV disinfection	✓
PM2.5 顆粒淨化	PM2.5 removal	✓
甲醛淨化	Formaldehyde removal	✓
甲苯淨化	Toluene removal	✓
TVOC 淨化	TVOC removal	✓
濾網更換提醒	Filter replacement reminder	✓
濾網使用壽命	Filter Life	6-8 個月 6-8 months
風速選擇	Fan Speed Settings	3
智能模式	Smart Mode	✓
PM2.5 即時監測	PM2.5	✓
定時	Timer	✓
睡眠模式	Sleep Mode	✓
靜音模式	Quiet Mode	✓
兒童鎖	Child Lock	✓
重量	Weight	7.6 kg

AG+ 研發團隊

AG+ R & D team

- 由香港本土研發，採用銀離子空氣過濾技術
- 研發團隊由香港科技大學前研究助理教授暨香港科學園公司Aurabeat 技術總監 司徒健南 博士領軍
- 司徒健南 博士研究空氣淨化多年，發表過 30 篇論文，擁有 4 項專利
- Research & development in Hong Kong, using silver ion air filtration technology
- R & D team led by Dr. Roger Sze To, CTO of Aurabeat Technology Limited and the former Research Assistant Professor of the Hong Kong University of Science and Technology
- Dr. Roger Sze To has researched and studied air purification for many years. He has published 30 research papers, and holds 4 patents