

高濃度 Plasmacluster 更優質的空氣淨化技術

High Density Plasmacluster A Refined Air Purifying Technology

- 1* 抑制 99.9% 空氣中的病毒 Removal of 99.9% of Airborne Viruses
- 2* 抑制 99% 空氣中的霉菌 Removal of 99% of Airborne Mold
- 3* 消除臭味快 2 倍 Double Deodorizing Speed for Adhering Odor
- 4* 抑制塵蟎致敏原 Removal of Dust Mite Allergens

多國證書 信心之選 International Recognition

- | | | | |
|--|---|---|---|
| ■ 日本
Japan | 石川縣預防醫學協會(有關浮游菌、浮游霉)
Ishikawa Health Service Association
(Airborne microbes, airborne mold) | ■ 中國
China | 上海市預防醫學研究院(有關浮游菌、浮游霉)
Shanghai Municipal Center for Disease Control and Prevention (Airborne viruses, airborne microbes) |
| 北里大學北里研究所醫學中心醫院(有關浮游菌、浮游霉)
Kitasato Institute Medical Center Hospital, Kitasato University
(Airborne viruses, airborne microbes) | ■ 韓國
Korea | 首爾大學(有關浮游菌、浮游霉)
Seoul University (Airborne viruses) | |
| 北里環境科學研究中心(有關浮游菌、浮游霉)
Kitasato Research Center of Environmental Sciences
(Airborne viruses, airborne microbes) | ■ 英國
UK | Retroscreen Viralogy, Ltd. (有關浮游菌、浮游霉)
Retroscreen Viralogy, Ltd. (Airborne viruses) | |
| 廣島大學大學院先端物質科學研究所(有關浮游菌、浮游霉)
Hiroshima University Graduate School of Advanced Sciences
of Matter (Airborne microbes) | ■ 美國
USA | 哈佛大學公共衛生學院(有關浮游菌、浮游霉)
Harvard School of Public Health (Airborne microbes) | |
| 日本紡織衛生協會(有關防霉的實驗)
Japan Spinners Inspecting Foundation (Adhering odor) | ■ 德國
Germany | 魯爾大學醫學研究所(有關防霉的實驗)
The University of Lübeck (Adhering mold) | |
| 日本食品分析中心(有關防霉的實驗)
Japan Food Research Laboratories (Adhering mold) | | 亞琛應用科學大學亞德曼教授(有關浮游菌、浮游霉)
Professor Gerhard Arntman, Aachen University of Applied Sciences (Airborne microbes, airborne mold) | |

規格 Specifications

型號 Model	IG-GC2A		
電壓 Voltage	DC12V		
適用容積* Applicable Volume*	3.6m ³		
操作模式 Operation Mode	特強 Turbo	標準 Standard	低 Low
Plasmacluster 濃度** Plasmacluster Density**	75,000 ions/cm ³	25,000 ions/cm ³	7,000 ions/cm ³
耗電量 Power Consumption	1.8W	0.7W	0.5W
外形尺寸 Dimensions	圓筒形 Cylindrical 高度 Height: 162mm 上方直徑 Upper Diameter: 74mm 下方直徑 Lower Diameter: 65mm		
重量*** Weight***	265g		
顏色 Color	黑色 / 紅色 / 香檳色 Black/ Red/ Champagne		
配件 Accessory	車用配接器 Car Adapter		

* 相當於1.5米(闊) x 2.4米(高) x 1.0米(深) Space corresponding to a cabin measuring 1.5m(W) x 2.4m(H) x 1.0m(D)

** 在適用容積的空氣的中央附近、離地0.5米的地方測得的 Plasmacluster 濃度
Measure the no. of Plasmacluster from a point near the center of a space of the applicable volume and 0.5m from the floor.

*** 不包括車用配接器 Exclude car adapter

*1 測試機構：英國 Retroscreen Viralogy Ltd. Tested by Retroscreen Viralogy Ltd. UK
測試方法：將浮游菌注入1立方厘米箱內，再量度受抑制病毒的分率
Test method: Virus was suspended in the air in a 1m³ box, and the percentage of airborne virus inactivated was measured.

*2 測試機構：日本石川縣預防醫學協會 Tested by Ishikawa Health Service Association
測試方法：在面積約13平方米的室內釋放Plasmacluster，抽取空氣樣本測量空氣中霉菌數量，以圖表顯示測試結果。
(Plasmacluster 濃度：每立方厘米1,000粒)
Test method: Plasmacluster were emitted into an experimental chamber with a floor area of about 13m², and the suspended mold was measured with an air sampler. SHARP has graphed the results using approximate figures. (Plasmacluster density: 3,000 ions/cm³)

*3 測試機構：日本紡織衛生協會 Tested by Japan Spinners Inspecting Foundation
測試方法：用一種含有香烟味分子的布樣本，以六級臭味速度的測試方法來評估除臭效能。SHARP轉化及計算測試結果。
Test method: The deodorizing effectiveness on a cloth swatch impregnated with cigarette smoke odor components was evaluated by the six-level odor intensity indication method. SHARP has converted and calculated the results. With Plasmacluster density of 5,000 ions/cm³ and 20,000 ions/cm³

*4 測試機構：日本廣島大學大學院先端物質科學研究所 Tested by Hiroshima University Graduate School of Advanced Sciences of Matter
測試方法：在真實家庭一間面積約13平方米的未潔淨房間，以酵素免疫分析法 (ELISA) 計量 Plasmacluster 對菌絲過敏原的效能表現。SHARP轉化測試結果及計算平均值。
(Plasmacluster 濃度：每立方厘米3,000粒)
Test method: The effect of dust mite allergen in an unclean room (with a floor area of about 13m²) was measured in an actual home by the ELISA (Enzyme-Linked Immunosorbent Assay) method. SHARP converted the results and calculated the average value. (Plasmacluster density: 3,000 ions/cm³)

SHARP

DCH EA
DCH ELECTRICAL APPLIANCES DIVISION
代理：大昌貿易行有限公司



HD Plasmacluster
Ion Generator 抗菌機

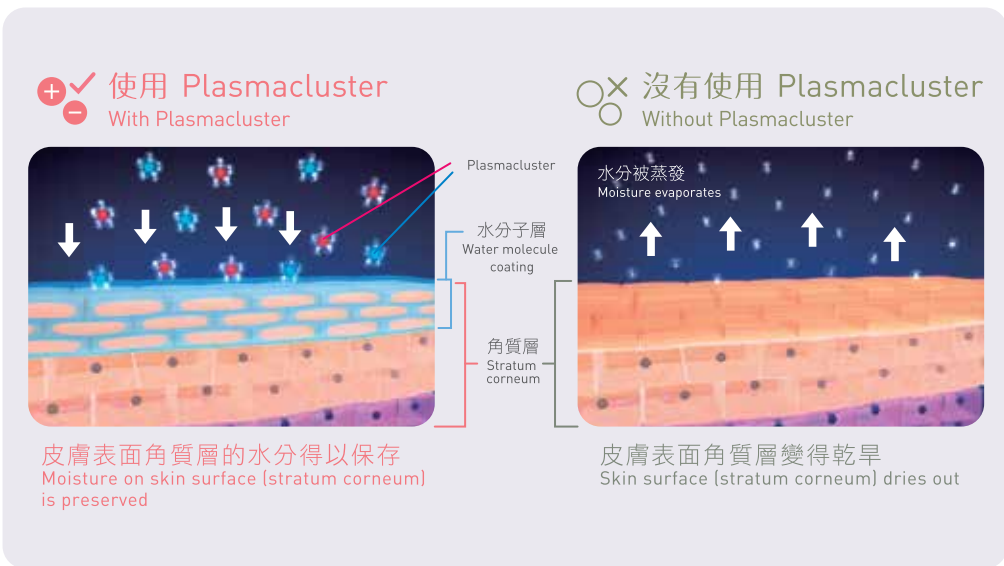




當被水分子包圍的 Plasmacluster 接觸到皮膚時，會形成「水分子層」，保持皮膚表面角質層濕潤。

The water molecules that surround Plasmacluster adhere to skin, forming a "water molecule coating". This keeps the stratum corneum (skin surface) moist.

*圖片只供參考
Image are presented for reference only



測試機構：日本東北大學電氣通信研究所

測試方法：將 Plasmacluster 離子產生器放在光儀器內，分析內裏的水分子。分別在釋放 Plasmacluster 及沒有釋放 Plasmacluster 的情況下，運用紅外線吸收光譜法，配合多角度反射幾何學，來確定水分子層出現在人模擬人類皮膚的碟片表面。

測試結果：證實 Plasmacluster 能在皮膚表層形成水分子層。

Test by : The Research Institute of Electrical Communication at Tohoku University, Japan

Test method : Plasmacluster generator was placed in a spectroscopic instrument to analyze the molecules of water. Infrared absorption spectroscopy (IRAS) with multiple internal reflection (MIR) geometry was used to confirm the presence of a water molecular layer (water molecule coating) on the surface of a plate designed to simulate human skin when Plasmacluster were being generated and when they were not being generated.

Test results : Confirmed Plasmacluster allowed the formation of a water molecule coating on the skin surface.

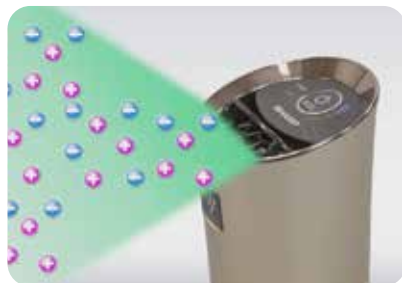


2 個 USB 端子

2-port USB car adapter

細心地提供2個USB端子，讓你於淨化空間同時，亦能為你的電子產品充電。

With 2-port USB car adapter provided, you can charge your electrical devices at the same time.



可調較送風角度

Adjustable Louver

導風板角度可調較至22°或55°。當抗菌機關機時，可合上導風板，防止灰塵積聚。

Louver angle can be set at 22° or 55°, and you may close the louver to avoid dust when the device is off.



寧靜操作

Quiet Design

低風速模式操作時，只有19分貝。

Only 19dBA in "Low" fan speed operation.



用途廣泛 切合不同場合

Suitable for Different Occasions

可於不同場合使用，隨時美肌抗菌。

Can be used in different occasions to beautify skin and purify air.



Turbo 模式 快速除臭

Turbo Mode Deodorizes Adhering odor with High speed

特設 Turbo 模式，釋放比標準風速模式高3倍濃度的 Plasmacluster 正負離子，有效快速除臭。當感到車廂內有難聞異味（如食物的殘餘氣味、煙味及寵物異味）時，立即開此模式，便能在短時間內減少異味至不易察覺的水平，令車廂空氣時刻保持清新。

With Turbo Mode, the unit can release Plasmacluster with triple density, making it more effective in removing adhering odor. When you smell odors inside the car (such as remaining odor from food, cigarette odor and pet odor), you can operate this mode. Within short period, the odor will be reduced to unnoticeable level. This can keep a fresh environment inside the car.

