

STER-BOX

Product Introduction



Why your car needs an air purifier?

dizziness, fatigue, Nausea, tonsillitis, tracheitis, chronic pneumonia and other respiratory diseases

various irritating/carcinogenic gases; pollen allergy; formaldehyde exceed the standard etc...

air pollution second-hand smoke automobile exhaust automotive interior



UVC——Physical Sterilization Way (more safely)

Deep UV sterilization is a physical sterilization way, which destroy the reproduction and viability of bacteria from the root without producing any toxic.



You need an air purifier .

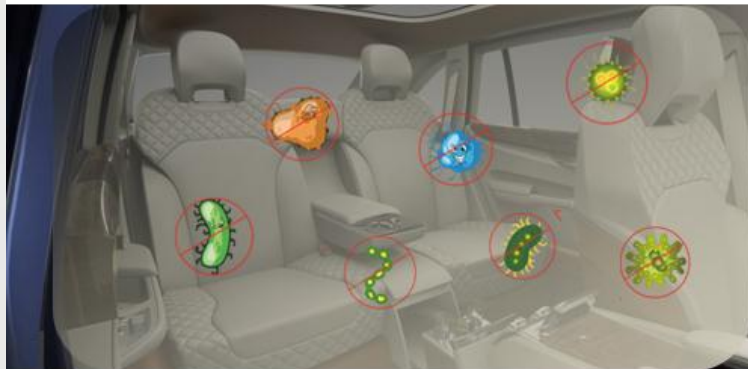
Keep your family be safe from pollution.

The interior of the car is not as clean as you think

Poor air circulation and small space inside the car which may make the car a mobile toxic gas chamber.

We can't change the pollution, but we can give you and your family a good air quality inside of the car.

Before Use



After Use



STER-BOX can easily help you solve the problems of air pollution in your car.

It has more comprehensive **deep UV disinfection**, killing almost all bacteria.

It is equipped with **anion fresh air function**, making health will always accompanied.

Contrast of Functions

Traditional car purifier		STER-BOX
Major medium	Anion	Deep ultraviolet UVC + Antiviral Nancomposites +Anion
Function	Clean air	Air sterilization, virus suppression, freshen air
Work Principle	Pure anion intelligent could freshen air but may produce ozone pollution.	<ol style="list-style-type: none"> 1. Deep ultraviolet UVC: Using the characteristics of UVC to pierce the base pairs of DNA (RNA) of bacteria or virus, destroy the protein structure, achieve rapid sterilization and virus suppression; this method is physical sterilization, which will not produce toxic side effects. No secondary pollution of ozone, and has environmental protection characteristics 2. Anion freshen, no ozone pollution
Appearance	Large volume, occupying space.	light and small; with anti-skid pad at the bottom; can be placed conveniently
Noise	Loud noise.	Silent designing<30dB



Working mode	MUC intelligent regulation
Rated voltage	DC5V
Input Voltage	5V / 1A
Rated power	3.6W
Air volume	Large
Working noise	Mute design < 30dB
Power supply interface	Micro-USB
Work indicator	Supports four-color display (red / Purple / Blue / green)
Custom mode	high / low / cycle
Energy efficiency	High efficiency
Sterilization rate	99.99%
Formaldehyde removal rate	99.99%
Fan type	High efficiency turbofan with PWM speed regulation function
Applicable space	Smaller than 15m
Product size	145 * 89 * 42mm
Product net weight	270g
Applicable environment	car interior / bedroom / study room/ living room

Academic conclusion

Using the characteristics of UVC to penetrate the base pairs of DNA (RNA) of bacteria or virus, destroy the ability of accounting replication and protein structure, so as to achieve rapid sterilization and virus suppression.

According to the conclusion of cooperation between ASTM e1052-11 and medical center, the solution: UVC + antiviral nanocomposite has 99.99% bactericidal effect on Enterovirus (Yinke 11), influenza virus, respiratory fusion virus, pulmonary tuberculosis in 24 hours.

Third party quality inspection report

广东省微生物分析检测中心

GUANGDONG DETECTION CENTER OF MICROBIOLOGY

分析检测结果

ANALYSIS AND TEST RESULT

报告编号 (Report No.): 2018FM04236R01D

作用时间 Action time(hr)	测试微生物 The test microorganism	序号 Serial Number	空气中细菌总数 The number of Bacteria in the air (cfu/m ³)	杀灭率 Killing rate (%)
0 (CK)	白色葡萄球菌 (<i>Staphylococcus albus</i>) 8032	1	4.0×10 ⁶	
		2	3.6×10 ⁶	
		3	3.4×10 ⁶	
2h	白色葡萄球菌 (<i>Staphylococcus albus</i>) 8032	1	4.5×10 ³	99.67
		2	2.7×10 ³	99.77
		3	7.3×10 ³	99.37
(以下空白 blank below)				

分析
专用

High efficiency anion purification [internal anion generator, release of high concentration anion group intelligently, adding vitamins to the air]

Refond Research and Development Independently!

Intelligent purification

Eliminate pollution automatically;
Enjoy healthy and pure space;
Protect family health



Let you breathe like in the forest while driving!

Have a STER-BOX

Health will always accompanied.



Sterilization, virus suppression, formaldehyde removal, odor removal
——The best partner for driving!

谢谢！
Thank you!

创新科技. 丰富人类生活!
Innovation enrich life

深圳市瑞豐光電子股份有限公司
SHENZHEN REFOND OPTOELECTRONICS CO.,LTD.



深圳市光明新区公明办事处田寮社区第十工业区1栋
Address: Building #1, 10th Industrial Zone, Tian Liao Community,
Gong Ming Area, Guang Ming New District, Shenzhen, CHINA

TEL: +86-755-6683 9339 FAX: +86-755-6683 9322

sales@refond.com

www.refond.com