Smart sterilization machine

Medical grade

Alfair High-energy plasma generator, sterilize quickly and release clean air.

ALF Air
CEREAL

Strong sterilization

Virus protection

Medical grade

Smart and portable

Convenient control

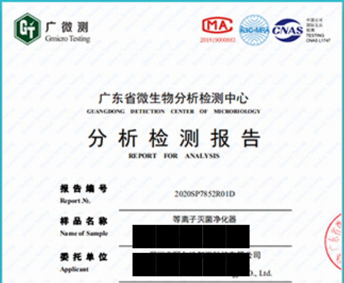
Built-in power supply

ALFAIR Protect your health

ALFAIR release of a huge charge of positive and negative, to achieve sterilization, the excess negative ions can deodorant.

Popularize medical device sterilization technology

Medical grade sterilization, the elimination rate is as high as 99.9%



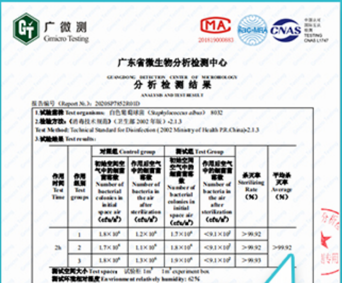
广微测
Gmicro Testing

CMA 201819000883

广东省微生物分析检测中心
GUANGDONG DETECTION CENTER OF MICROBIOLOGY

分析检测报告
REPORT FOR ANALYSIS

报告编号 Report No.	2020SP7852R01D
样品名称 Name of Sample	等离子灭菌净化器 [redacted]
委托单位 Applicant	[redacted]



广微测
Gmicro Testing

CMA 201819000883

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.）：2020SP7852R01D

1.**试验菌株** Test organisms：白色葡萄球菌（*Staphylococcus albus*） 8032

2.**检验方法**：《消毒技术规范》（卫生部 2002 年版）-2.1.3

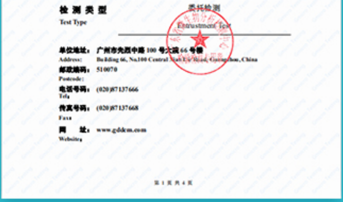
Test Method: Technical Standard for Disinfection (2002 Ministry of Health P.R.China)-2.1.3

3.**试验结果** Test results：

作用时间 Test Time	作用组别 Test groups	对照组 Control group		测试组 Test Group		杀灭率 Sterilizing Rate (%)	平均杀灭率 Average (%)
		初始空间空气中的细菌菌落数 Number of bacterial colonies in initial space air (cfu/m³)	作用后空气中的细菌菌落数 Number of bacteria in the air after sterilization (cfu/m³)	初始空间空气中的细菌菌落数 Number of bacterial colonies in initial space air (cfu/m³)	作用后空气中的细菌菌落数 Number of bacteria in the air after sterilization (cfu/m³)		
2h	1	1.8×10^6	1.2×10^6	1.7×10^6	$<9.1\times10^2$	>99.92	>99.92
	2	1.7×10^6	1.1×10^6	1.8×10^6	$<9.1\times10^2$	>99.92	
	3	1.8×10^6	1.3×10^6	1.9×10^6	$<9.1\times10^2$	>99.93	

测试空间大小 Test spaces 试验柜 1m³ 1m³ experiment box

测试环境相对湿度 Environment relatively humidity: 62%



检 测 类 型 委托检测
Test Type Entrustment Test

单位地址：广州市先烈中路 100 号大院 66 号楼
Address: Building 66, No.100 Central Xian Lie Road, Guangzhou, China
邮政编码：510070
Postcode:
电话号码：(020)87137666
Tel:
传真号码：(020)87137668
Fax:
网 址：www.gddcm.com
Website:

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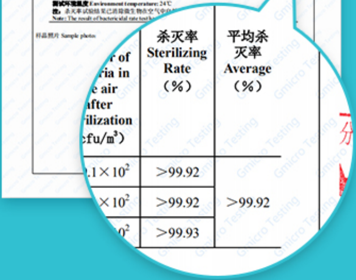


测试环境温度 Environment temperature: 24℃
注：杀灭率试验结果已消除微生物在空气中自
Note: The result of bactericidal rate test h

样品照片 Sample photo:

r of ria in e air after ilization cfu/m³)	杀灭率 Sterilizing Rate （%）	平均杀灭率 Average （%）
.1×10^2	>99.92	>99.92
×10^2	>99.92	
0^2	>99.93	

360°quick release of positive and negative ions, sterilization anytime, anywhere

You only need a mobile portable plasma sterilization machine, compact and convenient, portable, anytime, anywhere sterilization, clean air.

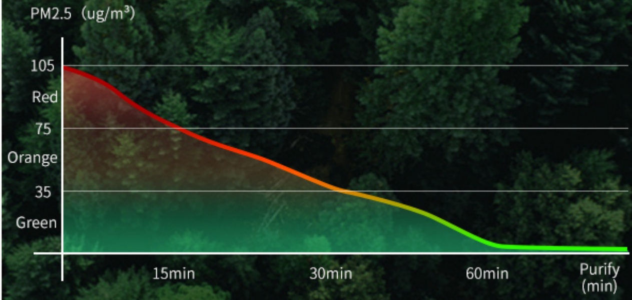
Ecological filtration, healthy air, breathe freely

Like being in the forest, enjoying the original ecological air, Sterilization rate of 99.9%.

High frequency plasma

High-frequency plasma ionizes in the air, and finally decomposes to form oxygen to increase the oxygen content of the air and make the air fresher.

The common reaction of negative ions, active ions, and electric ions can instantly produce strong oxidation in the free state for sterilization, disinfection and odor removal. The high-frequency ionization after separation can decompose harmful gases such as bacteria, viruses, and odors. The decomposed harmful gases are gradually oxidized Into water and carbon dioxide.



Note: Schematic diagram of the purification index curve in the unit space.

Good air can see three color air quality indicator

According to the change of PM2.5 concentration, the green, orange, and red air quality indicators will automatically change colors to understand the current air quality intuitively.

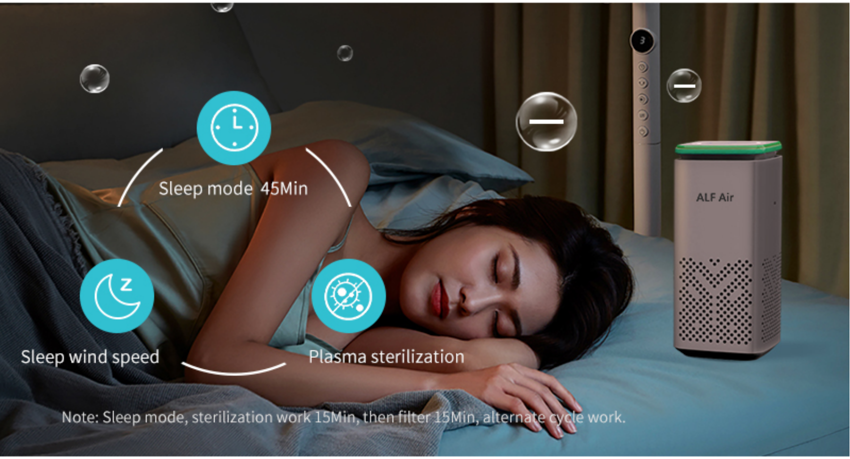
Red
(Air quality pool)

Orange
(Air quality average)

Green
(Air quality good)

Achieve more intimate human coexistence quiet and comfortable

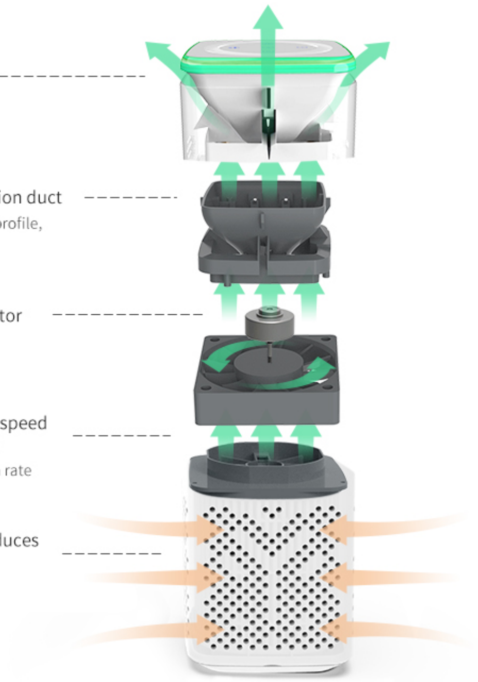
The air duct mute frequency modulation technology eliminates noise, and the noise is as low as 40dB when the sleep mode is turned on at night, creating a comfortable sleeping environment.



Note: Sleep mode, sterilization work 15Min, then filter 15Min, alternate cycle work.

Interpretation of Seiko perfect shape

We strive to optimize the size of each part while taking into account the high purification capacity. This requires every detail to be re-conceived. Whether a sterilizer has aesthetics is not only about the appearance, but also depends on the compatibility of the internal components.



Aerodynamic air outlet

Noise reduction diversion duct

Optimization of the wind profile, a cycle noise muting

Quiet brushless DC motor

Strong power

To accelerate the inlet speed centrifugal wind wheel

Accelerate the purification rate

Matrix type air inlet reduces air inlet noise

Increase the air inlet area

Large-capacity high-grade filter element, layer by layer purification, durable

Using large area H14 high-grade HEPA filter paper, the filter can effectively purify suspended solids and inhalable particles.

H14 High level HEPA Filter layer

PM2.5

Pollen

Pathogenic bacteria

Shallow filter layer

Hair

Fines

Floc

Multiple control methods, more convenient graphics settings

Simple touch buttons

Children can easily operate.

Timing

Mode switch

Air volume

Sterilization

Auto

ALF Air
Bird

APP smart phone control

Just move your finger to complete all operations.

Smart sterilization machine
high quality
98
98
Car mode
Sterilizationg purification mode
volume
Air volume
lower
middle
high
Timing setting
30min
1h
2h

Application in various places

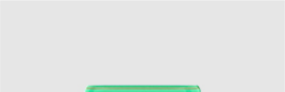
Suitable for sterilizing spaces such as junior suites, offices, family cars, wardrobes, shoe cabinets, refrigerators, toy storage boxes, etc.

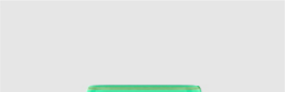
Room sterilization

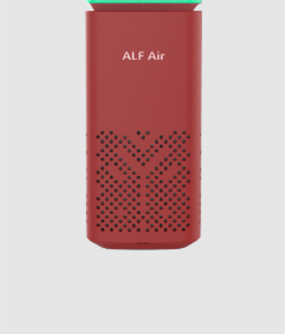
Office sterilization

Car in addition

Specifications







Product name：Smart sterilization machine

Input：12V 1A

Color：White/Wathet/Red

Product model：Alfair x3

pwer：12W

size：95x95x255 MM

Package contents：Sterilization machine body、Air-cleaner element、 Adapter，User Manual