

Shenzhen Airnold Technology Co.,Ltd

www.airnold.com

sales@airnold.com

Intelligent Car Air Purifier

- Intelligent Control Air Volume
- Real-time Monitor Air Quality
- Fast Wireless Charging
- High Efficient Mute Filtration
- Start Automatically when Your Car Starts
- Intelligent Mobile Phone Bracket



7 min Purify/time 26 m³/h CADR value 42 dB Motor Noise 6.5 W Motor Power

www.airnold.com

sales@airnold.com

Start automatically with your car, easy to use it

- Place this product in a flat place inside the car
- Connect to the cigarette outlet of power supply
- It can start or stop when you drive or stop the car
- No manual switch required

AIRWORLD

PM2.5

细菌

TVOC

毛屑

甲醛

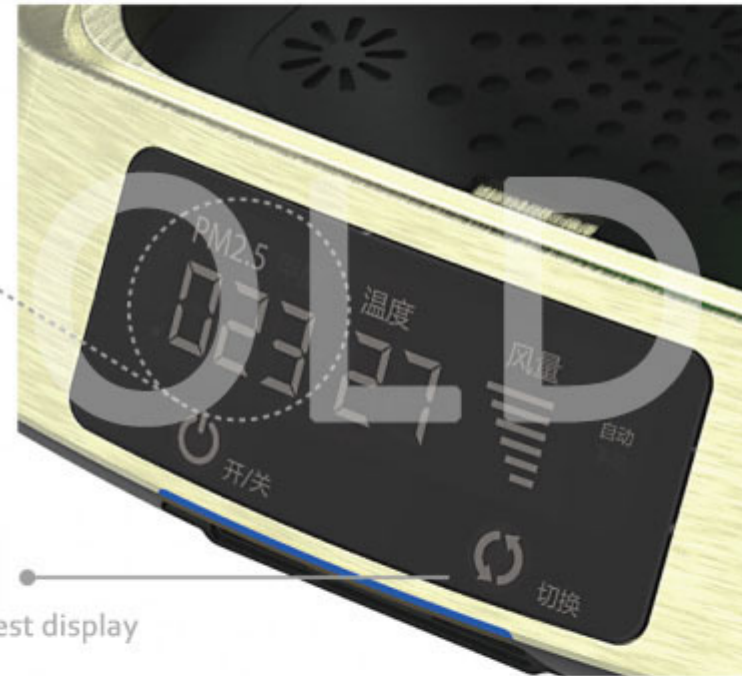
花粉

新车异味

暴晒毒气
成倍增加

Intelligent adjustment, high efficient purification
Keep clean air in every corner of the car

- Automatic and intelligent purification process
- No manual adjustment required
- Press the switch button to check air quality



Mode Switching
PM2.5 test display/Formaldehyde test display

Intelligent, Continuous and Stable Air Volume

Strong brushless motor power, it can operate silently and at high speed for a long time and can also be stable operation in the bumpy environment

Intelligent, Continuous and Stable Air Volume

The built-in sensor continuously monitors the air quality near the ashtray and adjusts the filtration rate in real time. No sense brushless motor with high efficiency power, can operate stably and mute at high speed for a long time



AIRNOLD

No Sense and Brushless Motor

High Efficiency Power

www.airnold.com

sales@airnold.com

Air Quality Sensor Module
Accurate & Sensitive

AIRNOLD



Large Air Volume

Particulate matter purification output ratio (CADR value) reaches 26m³/h, which means that the air in the car is completely filtered every 7 minutes*



Intelligent Air Control

The built-in chip determines the air quality in the car based on sensor data, and poor air causes the motor to operate at a higher rate to quickly filter harmful substances



Mute

The right airway design fits with the high quality motor and the noise is less than 42dB under high speed operation. This means that even in the case of car idling, the operation of the purifier will not disturb you*



High Energy-Efficient Grades

The ratio of CADR value to rated power is greater than 5, which achieves high efficiency and energy saving grade of national standard

*The test is made according to the GB/T 18801-2015, takes the regular home car as the test object, the car space is about 3M³.

*The car operation noise for the general car is about 45-60dB

www.airnold.com

sales@airnold.com

Four Layers of Filtration for Better Air

Built-in four-layer high-efficiency filter cartridge, with the large air volume fan, Quickly catch dust, PM2.5, TVOC and other harmful substances in the air which are harmful to the human body.



1 Initial filter

hair filaments
large particulate matter
pollen
other allergic sources

2 Nano-Ore crystal filter

formaldehyde
odor
bacteria
water gas

3 HEPA filter

smoke
formaldehyde
PM2.5

4 Activated Carbon filter

odor
oil stain

Built-in negative ion generator for efficient killing of harmful microorganisms and bacteria
www.airnold.com sales@airnold.com

Keep the Air Fresh

AIRNOLD



Negative Ion Generator

The built-in anion generator produces a large number of negative ions after it startup, to effectively kill bacterial microorganisms in the air around the smoking area, as well as to remove smaller particles that are difficult to filter. Bring a breathing experience like being in the forest.

10 minutes, Refreshing the Air Inside the Car

The data are measured in the range of the conventional three-compartment sedan, and the test results in high-speed purification mode will have some errors due to different environmental data (in-car space approx. 3m³)



AIRNOLD

Particulate Matter CADR Value	TVOC CADR Value	Formaldehyde CADR Value	Toluene CADR Value	Sterilization Rate
26 m ³ /h*	12 m ³ /h*	5.1 m ³ /h*	6.0 m ³ /h*	98 %
High Efficiency Grade	High Efficiency Grade	High Efficiency Grade	High Efficiency Grade	

*According to the new GB/T 18801-2015, the test is finished in the 3M³ cabin space
www.airnold.com sales@airnold.com

It's Not Just A Purifier

It has a built-in wireless charging module at the top

Purification starts or stops with the car

It works when starting up the car, and it shuts down when stopping the car, purification is not complex, but a habit



- Stable holder
- Compatible with multiple devices
- Strict safe and protective measures
- Intelligent foreign object detection
- Support for multi-protocol fast charging



Intelligent Start&Stop

Mute Purification

www.airnold.com

sales@airnold.com

Intelligent sensing, the clamping device automatically turned on
When the phone is near the panel, which will be intelligently sensing, the clip automatically loose; after you put the phone into the panel, the clamp holder will be firmly when your hand leaves



Adsorption Disassembly
Faster and More Convenient

www.airnold.com

sales@airnold.com

Fashion and Convenient Charging

Automatic identification of fast charge or slow charge
Power Concentration, High Energy Conversion



Simply drop the phone
to start charging

www.airnold.com

sales@airnold.com

Compact and Portable

The wireless charging module is removable and be used as an independent wireless charger

Infrared distance sensor to control automatic release and clamping of mobile phone holder



Pure Copper Spring Contacts
(Wireless Charging Module Power Interface)



Quick and easy disassembly

www.airnold.com

sales@airnold.com

Compatible with Multi-platform Smartphones

Can charge the phone of the ios/android/windows system

Built-in Wireless Charging Receiver Smartphones Can Be Charged Directly						
Support Fast Charging			Support Standard Charging			
Apple	Samsung	Xiaomi	Nokia	Lenovo	Yota	Google
iphone 8 iphone 8p iphone X	S6/S6 edge S6 edge+ Note 5 S7/S7 edge S8/s8+ S9/S9+ Note 8	Mix 2S	Lumia 830 Lumia 920 Lumia 1020 Lumia 1520 Lumia 930	Moto Z	Yota Phone 2	NEXUS 4 NEXUS 5 NEXUS 6

Android phones without built-in wireless charging receivers such as Huawei, Xiaomi, Oppo, vivo, Meizu and other products and Apple 5/6/7 Plus wireless receivers, can also experience wireless charging

www.airnold.com

sales@airnold.com

Support for Charging Mobile Phones without Wireless Charging Modules

(Wireless charging is achieved by adding Qi wireless receiver)



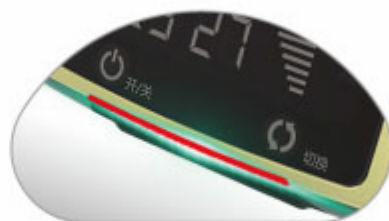
Attach Qi wireless receiver to the back of the phone, plug in the phone interface, drop it on the wireless charger to achieve wireless charging.



On the display, you can view the various values of in-car air quality in real time, such as PM2.5 value, formaldehyde concentration value, temperature, can also be understood in real time as well as the air volume for clean air and the working condition of wireless charging

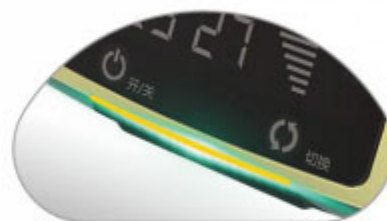


Air quality Inspection, Three Colors LED Indicator



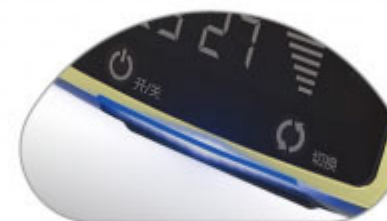
Severe Pollution
PM2.5 > 150ug/m³
Rapid Purification

Red Indicator



Moderate Pollution
PM2.5 75-150ug/m³
Rapid Purification

Yellow Indicator



Clean Air
PM2.5 < 75ug/m³
Mute Purification

Blue Indicator

www.airnold.com

sales@airnold.com

High Quality ABS Shell

It will not be deformed or produce odor to keep the car air purifier exposure to the sun directly , which ensure the stable operation of car air purifier



AIRNOLD



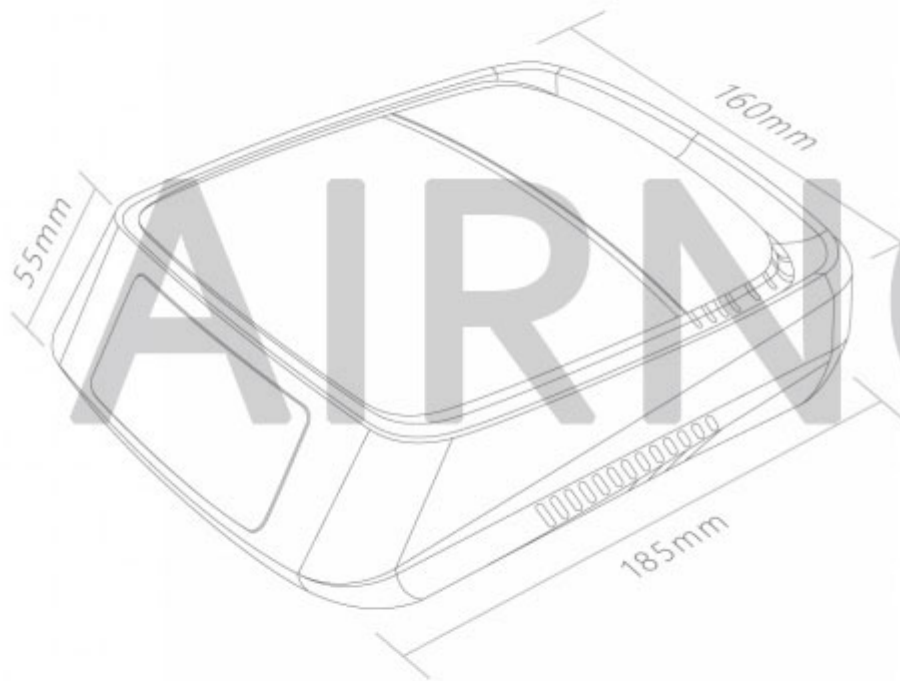
Champagne Gold
www.airnold.com



Space Gray



Jusha Black
sales@airnold.com



Technical Parameter

Product Color: Champagne gold/space gray/Jusha black

Product Size: 185mm*160mm*55mm

Product Weight: 650g

Rated Voltage: 12V DC

Rated Power: 6.5W(including wireless charging module)

Color Change Indicator: Yes

Working Temperature:-10C- +65C

Noise Level: <<42dB

Test Report

(19)中华人民共和国国家知识产权局

(12)实用新型



(21)申请号 ZL 2018 2 009400.4
(22)申请日 2018.07.25
(73)专利权人 惠州奇新智能装备有限公司
地址 516006 广东省惠州市仲恺高新区C55号C厂5楼
(72)发明人 林治东
(74)专利代理机构 北京同慧天诚知识产权代理有限公司 13315
代理人 许志勇
(51)Int. Cl.
A47F 7/30(2006.01)
A47F 9/08(2006.01)

(54)实用新型名称
一种防雾霾电动自行车

(57)摘要
本实用新型公开了一种车载空气净化设备，其包括过滤装置和无线充电装置，其中过滤装置包括进风罩体、进风管道、风能动力控制、传感器控制单元M23、处理器、PM2.5传感器等部件；进风罩体由固定架及一片六层复合活性炭构成；风能动力控制由固定壳体、电机、风机和控制电路组成。产品壳体上端有多个进风口，下端有进风罩体，壳体侧面通过软管连接，固定充电座，通过无线充电电机驱动风轮结构，使气流强而，扇叶转动小；进气和排气通道独立，保证过滤的效率；通过多层过滤结构过滤空气，确保空气净化，过滤结构拆卸便捷。

证书号第 6542677 号



实用新型专利证书

实用新型名称：智能车载空气净化器

发明人：林治东

专利号：ZL 2018 2 009400.4

专利申请日：2018年07月25日

专利权人：惠州奇新智能装备有限公司

授权公告日：2018年08月15日

本实用新型经过本局依照中华人民共和国专利法进行初步审查，确定授予专利权，颁发实用新型专利证书予以登记，专利权自公告之日起生效。

本专利的专利权期限为十年，自公告之日起算。专利权人应当依规定缴纳年费及实施专利规定的年费。本专利的年费应当自每年规定之日前缴纳。未按规定缴纳年费的，专利权应当依法终止。

专利证书记载专利权登记时的法律状态。专利权的转移、质押、无效、终止、恢复和专利权人的姓名或名称、国籍、地址变更等事项记载在专利登记簿上。

局长 申长雨



2018年05月15日

第 1 页 (共 1 页)

生物分析检测中心

BIO CENTER OF MICROBIOLOGY

检测报告

BI FOR ANALYSIS

(Verification Code): 32009681



类型 Test Type	委托检测
地址 Address	惠州仲恺高新区 C55 号 C 厂 5 楼 1
样品数量 Sample Quantity	6 台
样品描述名称 Name and Characteristics	机器
检测完成日期 Completion Date	2017-07-31

GB 21551.6-2010

空气净化性能

见本检测报告正文。

签发日期: 2017-08-04
Issue Date: 2017-08-04
生物检测中心
BIO CENTER OF MICROBIOLOGY

奇新有限公司，本公司生产的产品均符合国家强制性标准，严格按照国家相关标准进行检测。本检测报告仅对本公司送检样品，适用于本电站口罩使用前的实用新型专利号：2015204755316。《出

检测人: 张俊
批准: 张俊
Approver: 张俊