

SHENZHEN AIRNOLD TECHNOLOGY CO.,LTD

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Intelligent Ashtray

- Quickly Eliminate the Smoke Smell
- A Cigarette Lighter Included
- Flame-retardant & Durable Material
- Intelligent Control Air Volume
- High-efficiency&Mute Filtration
- Real-time Monitoring Air Quality



26 m³/h

CADR Value

45 dB

Motor Noise

6.5 W

Motor Power

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Powerful Functions, Easy to Use

- Suitable for smoking occasions such as living room, offices, etc.
- Smoke purification is automatically turned on during smoking.
- Effectively inhibit the injury of second-hand smoke to non-smokers such as pregnant women and infants.
- Avoid smoke residue in other purification equipment.



Purification will be turned on automatically during smoking

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Intelligent Regulation, High-efficiency Purification

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- Cigarette sotts not easy to fly, easy to clean it
- Can accommodate more cigarette butts and soot
- High temperature resistance, fireproof and flame retardant materials
- Forget to extinguish the cigarette butt, and there won't be any problems
- Ashtray Cylinder Size:120mm*120mm*16mm



- Non-flammable
- No deformation
- High temp.resistance
- Smooth and easy to clean
- No smoke and oil residues

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Forgot to bring a lighter? Do not worry, it can be used as well

There has a built-in electronic cigarette lighter on the top circular groove ,gently touch the cigarette light button on the panel; insert the cigarette vertically into the groove, the cigarette can be ignited in just a few seconds.When the cigarette is pulled out, the cigarette lighter is automatically turned off.



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Electronic Cigarette Lighter

Insert the cigarette vertically into the groove,
it will be ignited in just a few seconds

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- Automatic Intelligent Purification Process
(The ashtray automatically detects the smoke concentration and automatically adjusts the air volume without manual operation)
- Gently touch the switch button to check air quality



Mode Switching

Short Press: Air volume display/battery display

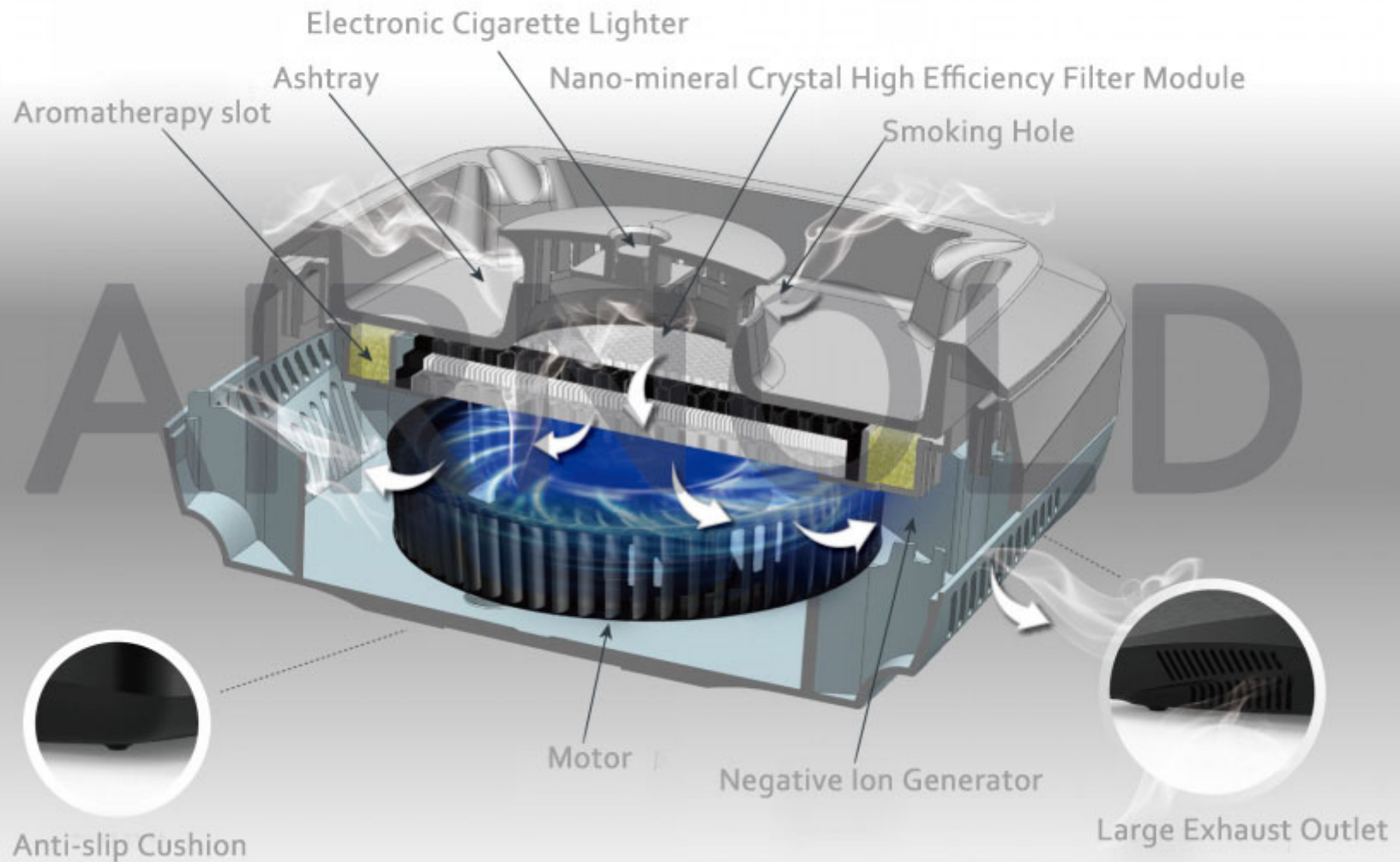
Long Press: PM2.5 test display/Formaldehyde test display

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Definitely NOT A Simple Electronic Ashtray

Electronic Cigarette Lighter + Air Purifier + Aromatherapy Machine + Negative Ion Generator + Air Detector



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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



No Sense and Brushless Motor

High Efficiency Power

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Air Quality Sensor Module
Accurate & Sensitive

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Large Air Volume

Particulate matter purification output ratio (CADR value) reaches 26m³/h



Intelligent Air Control

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



Mute

The right airway design fits with the high quality motor and the noise is less than 45dB under high speed operation. This means that even in a quiet room, the purifier will not bother you to communicate with others.



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 meeting range as the test object, the space size is about 5M³

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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

Keep the Air Fresh



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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.

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10 minutes, Refreshing Indoor Air

The data are measured in the range of regular visitors ' smoking, and the test results in high-speed purification mode will have some errors due to different environmental data (space approx. 5m³)



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	

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With the display, you can view the various values of indoor 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 and the condition of cigarette lighter



Air quality Inspection, Three Colors LED indicator



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

Red Indicator

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

Yellow Indicator

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

Blue Indicator

High Quality ABS Shell

It will not be deformed or produce odor to put the hot cigarette butt directly on the ashtray, which ensure the stable operation of purifying ashtray



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Champagne Gold



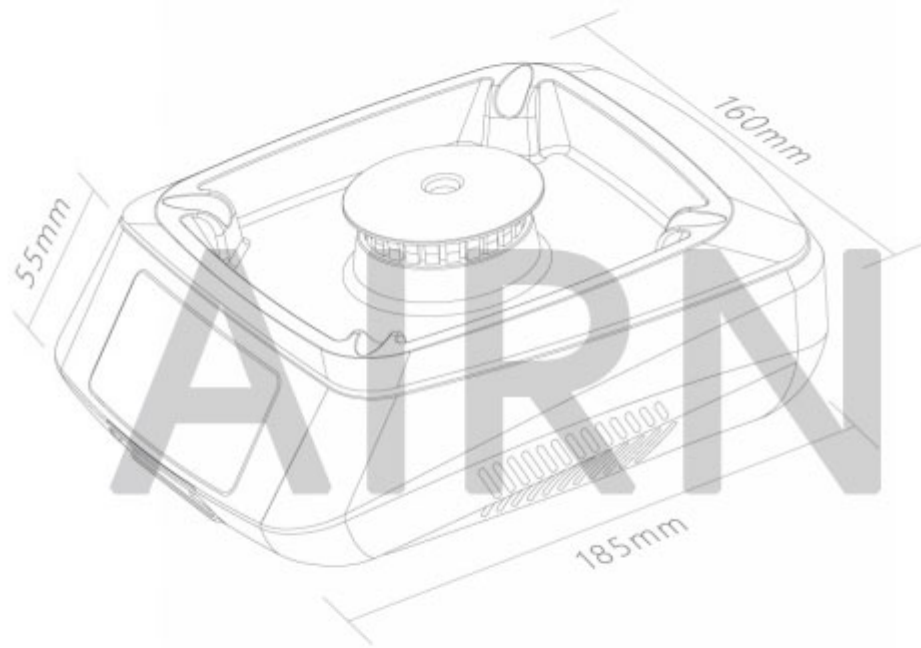
Space Gray



Jusha Black

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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

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 2018 2 091006.4

(22)申请日 2018.07.23

(73)专利权人 惠州市雅新智能装备有限公司
地址 510006 广东省惠州市仲恺高新区C56号C1厂房1

(72)发明人 林森东

(74)专利代理机构 北京同安天诚知识产权代理有限公司 11365
代理人 许志华

(51)Int. Cl.
A62F 2/10(2006.01)
A62F 9/06(2006.01)

(54)实用新型名称
一种微负压电除尘口罩

(52)摘要
本实用新型公开了一种车载空气净化设备,其包括进风管道和无线充电装置,其中进风管道包括进风软管、滤网电路、离心动力管道、排风管道和PM2.5、甲醛、TVOC传感器三合一模组;滤网电路是由固定架及一片六层复合滤网构成;离心动力管道由固定壳体、电机、风量和控制电路组成,产品壳体上端有多个进风口,下端有出排风出口,壳体内部通过螺旋通道,螺旋通道;通过无线充电电机及风轮结构,使气流旋转,进行离心分离;进风和排气通道独立,保证过滤效率高;通过多层过滤使过滤空气,确保空气洁净,过滤后可供呼吸使用。

证书号第4512677号

实用新型专利证书

实用新型名称: 智能新风罩

发明人: 林森东

专利号: 2018 2 0910111.2

专利申请日: 2018年07月23日

专利权人: 惠州市雅新智能装备有限公司

授权公告日: 2018年10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审查,符合授予专利权,决定授予专利权,并予以公告。专利权的保护期限为十年,自申请日起算,专利权人应当依照专利法及其实施细则规定缴纳年费,在本专利的年费缴纳期满前未缴年费,自2023年12月31日起,本专利权视为放弃而终止。

专利证书记载专利权人对法律状况、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 申长南

2018年10月15日

生物分析检测中心

检测报告

检测类型 Test Type	委托检测
地址 Address	惠州市仲恺高新区55号C1厂房1
样品数量 Sample Quantity	6台
样品名称和特征 Name and Characteristics	机器
检测完成日期 Completion Date	2017.05.01
GB 21551.6-2018	
空气净化性能	

见本检测报告附件。

签发日期: 2017-09-04
Inser: 00000000
检测机构: 00000000

设备有限公司,本公司生产的产品符合国家标准GB 21551.6-2018的要求,特此进行检测。本检测报告经本公司盖章有效。适用于本电话口罩检测标准的实用新型专利: 20172091006.4

批准: 许志华
Appraver: 许志华