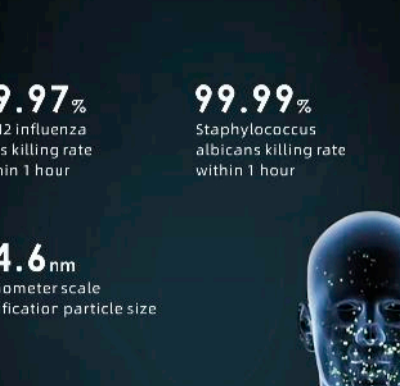


Dental Clinic Air Quality Solution



During dental examinations, dentists and patients are easily exposed to bioaerosols that come from patient's mouth. More than 350 kinds of infectious microorganisms such as bacteria can be found in the oral cavity. A large number of water mist and aerosols generated in dental treatments such as cavity access, tooth scaling, tooth preparation and high-speed drill tooth separation would float and stay in the air for several hours, which brings a huge potential threat to the health of dentists and patients, especially the elderly, children and people with low immunity.

Woodpecker High-pressure Plasma Air Purifier



Tens of thousands of volts electric field
Effective antivirus



- Smog
- Dust
- Mite
- Pollen
- Toluene
- Pet dander
- Peculiar smell
- Second-hand smoke

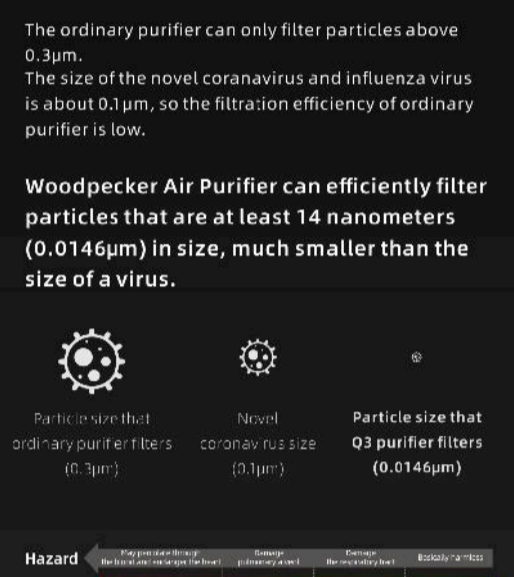
Effectively remove aerosols. The sterilization effect of high-pressure plasma technology is 6-8 times that of traditional electrostatic sterilization.

High-pressure electrostatic air purification technology can absorb particles and aerosols as small as 14.6nm. An electric field of 20,000 to 40,000 volts can effectively inactivate bacteria and viruses. The laboratory proves that its killing rate of H3N2 influenza virus within 1 hour is greater than 99.97%, and the killing rate of Staphylococcus albicans is greater than 99.9%.

99.97% H3N2 influenza virus killing rate within 1 hour

99.99% Staphylococcus albicans killing rate within 1 hour

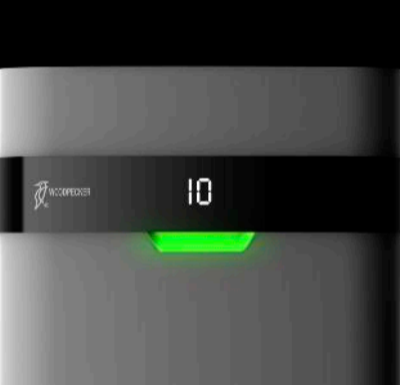
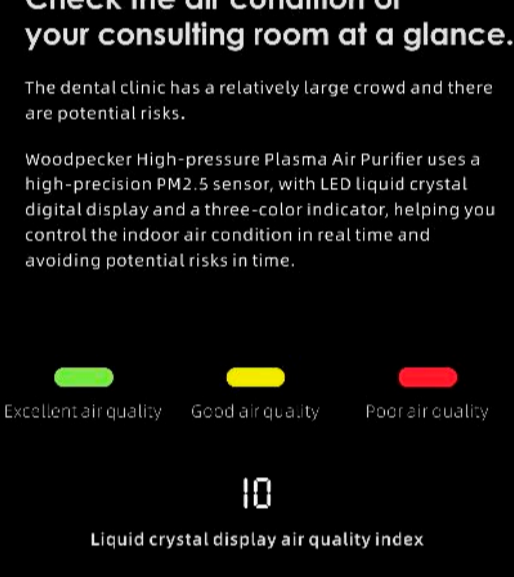
14.6nm Nanometer scale particulate particle size



Woodpecker High-pressure Plasma Air Purifier

Protect your health and the health of your patients.

In the oral diagnosis and treatment, a large number of water mist and aerosols produced in the cavity access, scaling, preparation and teeth separation will float in the air for hours! Everyone has more than 350 kinds of bacteria in their mouths, and exposure to biological aerosols for a long time will cause infections!



H3N2 influenza virus is very close to corona virus

TPA ion field purification technology Air purification technology from Silicon Valley

Create a high-energy ion field between the collector and generator

Active use of high-concentration particles to capture particulate matter and kill bacteria

It not only avoids the problem of performance degradation and repeated filter replacement of traditional filter technology, but also solves the problems of low efficiency and ozone control of traditional electrostatic technology!



- Catalytic device**: Absorb odors and reduce activated carbon
- Collector**: Collector plate is negatively charged. Adsorbs positively charged particles
- 20000-40000 volt ion chamber Sterilization**: Kill viruses and bacteria
- Generator pole**: The plates are positively charged, killing bacteria and viruses, and making particles positively charged.
- Pre-filter**: Filters out large particles such as hair and dander

TPA technology



The TPA technology was created by air doctors from Silicon Valley, making it washable and whisper-quiet.

Redefine the air purifier with remarkable features of technology, intelligence and humanization.

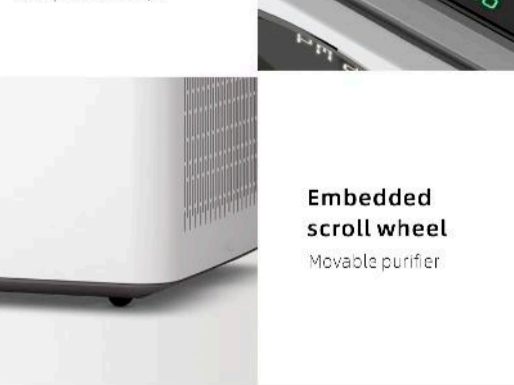
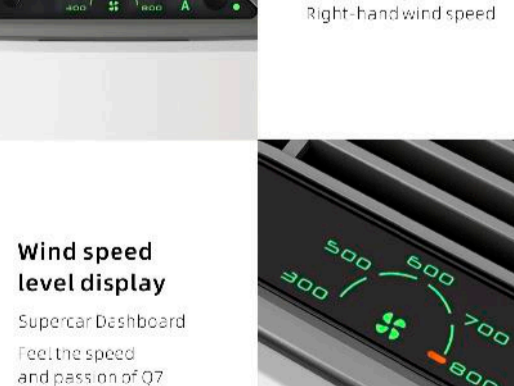
Innovative use of generator pole and collector pole to form a dust hunting air field can actively adsorb and hunt particles, dust and smog in the air, breaking the passive filter of traditional air purifiers.

Absorb particles 100 times smaller than PM2.5. Known as the benchmark for future air purifiers, ushering in a new era of silent and consumable-free air purification.

Nanometer scale filtration

The ordinary purifier can only filter particles above 0.3um. The size of the novel coronavirus and influenza virus is about 0.1um, so the filtration efficiency of ordinary purifier is low.

Woodpecker Air Purifier can efficiently filter particles that are at least 14 nanometers (0.0146um) in size, much smaller than the size of a virus.



Existing air purifiers are HEPA filter type that can only adsorb particles. Cannot kill the viruses and bacteria. Easily cause secondary pollution.

Woodpecker High-pressure Plasma Air Purifier can directly kill the virus through an electric field of up to tens of thousands of volts.



High-precision PM2.5 sensor. Check the air condition of your consulting room at a glance.

The dental clinic has a relatively large crowd and there are potential risks.

Woodpecker High-pressure Plasma Air Purifier uses a high-precision PM2.5 sensor, with LED liquid crystal digital display and a three-color indicator, helping you control the indoor air condition in real time and avoiding potential risks in time.



Patent for wine glass air flue More thorough three-dimensional purification

Stacking the purification module and the booster fan Z axis accelerates the running speed of the charged particles in the ion field and greatly improves the purification efficiency. The novel and elegant wine glass shape air flue design guides the clean air to spiral up and spray out along the smooth air flue, forming a large-scale three-dimensional air circulation, so that the air indoors is quickly renewed.

No consumables No cost Washable electrode

Traditional consumables are expensive and inconvenient to clean. The traditional filter type purifier requires regular filter replacement, which is expensive. Woodpecker High-pressure Plasma Air Purifier uses consumable-free patented TPA ion field technology. No need to replace the filter element, eliminating the cost of secondary filters. Clean the collector electrode to realize reuse.

Low noise More comfortable treatment environment

The lowest noise is only 40dB, which is much lower than that of traditional purifier.

One-click control Life needs a philosophy of subtraction

The four functions of power-on, power-off, four-level speed, sleep mode and automatic mode are set an "ON/OFF" button.

Minimalist beauty Q3

Inlet: Openwork grille surrounded by three sides. Scattered, showing the minimalism.

Rounded corners design: Without lack of grace in toughness.

Belt: Semi-transparent and pure black belt. LED digital display.

Minimalist beauty Q7

Black and white: Pure white body. With pure black top cover and pure black belt. Keep Minimalism to the End.

Two-key joint control: Left-hand light. Right-hand wind speed.

Wind speed level display: Superior Dashboard. Feel the speed and passion of Q7.

Embedded scroll wheel: Movable purifier.

World famous component suppliers Create assured quality

Control chip	MICROCHIP
Plastic body parts	BASF The Chemical Company
Power Chip (MOS Tube)	FAIRCHILD
Capacitor	Rishipoon 凡士达株式会社

样品名称	委托日期	样品数量	检测项目	检测日期	检测地点
空气净化器滤芯	2020-12-28	2只	颗粒物、细菌、病毒、霉菌、过敏原、异味、VOCs、PM2.5、PM10、CO2、O3、NO2、SO2、H2S、NH3、甲醛、苯、甲苯、二甲苯、乙苯、丙酮、乙酸乙酯、乙酸丁酯、乙醇、甲醇、丙醇、丁醇、戊醇、己醇、庚醇、辛醇、壬醇、癸醇、十一醇、十二醇、十三醇、十四醇、十五醇、十六醇、十七醇、十八醇、十九醇、二十醇、二十一醇、二十二醇、二十三醇、二十四醇、二十五醇、二十六醇、二十七醇、二十八醇、二十九醇、三十醇、三十一醇、三十二醇、三十三醇、三十四醇、三十五醇、三十六醇、三十七醇、三十八醇、三十九醇、四十醇、四十一醇、四十二醇、四十三醇、四十四醇、四十五醇、四十六醇、四十七醇、四十八醇、四十九醇、五十醇	2020-12-27	实验室

检测项目	检测方法	检测结果	判定标准
颗粒物	重量法	0.0146um	<0.3um
细菌	平板计数法	<1000 CFU/m³	<1000 CFU/m³
病毒	电镜法	<1000 PFU/m³	<1000 PFU/m³
霉菌	平板计数法	<1000 CFU/m³	<1000 CFU/m³
过敏原	免疫组化法	<1000 AUU/m³	<1000 AUU/m³
异味	嗅觉法	<1000 AUU/m³	<1000 AUU/m³
VOCs	气相色谱法	<1000 AUU/m³	<1000 AUU/m³
PM2.5	重量法	<1000 AUU/m³	<1000 AUU/m³
PM10	重量法	<1000 AUU/m³	<1000 AUU/m³
CO2	非分散红外法	<1000 AUU/m³	<1000 AUU/m³
O3	紫外吸收法	<1000 AUU/m³	<1000 AUU/m³
NO2	化学发光法	<1000 AUU/m³	<1000 AUU/m³
SO2	化学发光法	<1000 AUU/m³	<1000 AUU/m³
H2S	电化学法	<1000 AUU/m³	<1000 AUU/m³
NH3	纳氏试剂法	<1000 AUU/m³	<1000 AUU/m³
甲醛	乙酰丙酮法	<1000 AUU/m³	<1000 AUU/m³
苯	气相色谱法	<1000 AUU/m³	<1000 AUU/m³
甲苯	气相色谱法	<1000 AUU/m³	<1000 AUU/m³
二甲苯	气相色谱法	<1000 AUU/m³	<1000 AUU/m³
乙苯	气相色谱法	<1000 AUU/m³	<1000 AUU/m³
丙酮	气相色谱法	<1000 AUU/m³	<1000 AUU/m³
乙酸乙酯	气相色谱法	<1000 AUU/m³	<1000 AUU/m³
乙酸丁酯	气相色谱法	<1000 AUU/m³	<1000 AUU/m³
乙醇	气相色谱法	<1000 AUU/m³	<1000 AUU/m³
甲醇	气相色谱法	<1000 AUU/m³	<1000 AUU/m³
丙醇	气相色谱法	<1000 AUU/m³	<1000 AUU/m³
丁醇	气相色谱法	<1000 AUU/m³	<1000 AUU/m³
戊醇	气相色谱法	<1000 AUU/m³	<1000 AUU/m³
己醇	气相色谱法	<1000 AUU/m³	<1000 AUU/m³
庚醇	气相色谱法	<1000 AUU/m³	<1000 AUU/m³
辛醇	气相色谱法	<1000 AUU/m³	<1000 AUU/m³
壬醇	气相色谱法	<1000 AUU/m³	<1000 AUU/m³
癸醇	气相色谱法	<1000 AUU/m³	<1000 AUU/m³
十一醇	气相色谱法	<1000 AUU/m³	<1000 AUU/m³
十二醇	气相色谱法	<1000 AUU/m³	<1000 AUU/m³
十三醇	气相色谱法	<1000 AUU/m³	<1000 AUU/m³
十四醇	气相色谱法	<1000 AUU/m³	<1000 AUU/m³
十五醇	气相色谱法	<1000 AUU/m³	<1000 AUU/m³
十六醇	气相色谱法	<1000 AUU/m³	<1000 AUU/m³
十七醇	气相色谱法	<1000 AUU/m³	<1000 AUU/m³
十八醇	气相色谱法	<1000 AUU/m³	<1000 AUU/m³
十九醇	气相色谱法	<1000 AUU/m³	<1000 AUU/m³
二十醇	气相色谱法	<1000 AUU/m³	<1000 AUU/m³
二十一醇	气相色谱法	<1000 AUU/m³	<1000 AUU/m³
二十二醇	气相色谱法	<1000 AUU/m³	<1000 AUU/m³
二十三醇	气相色谱法	<1000 AUU/m³	<1000 AUU/m³
二十四醇	气相色谱法	<1000 AUU/m³	<1000 AUU/m³
二十五醇	气相色谱法	<1000 AUU/m³	<1000 AUU/m³
二十六醇	气相色谱法	<1000 AUU/m³	<1000 AUU/m³
二十七醇	气相色谱法	<1000 AUU/m³	<1000 AUU/m³
二十八醇	气相色谱法	<1000 AUU/m³	<1000 AUU/m³
二十九醇	气相色谱法	<1000 AUU/m³	<1000 AUU/m³
三十醇	气相色谱法	<1000 AUU/m³	<1000 AUU/m³

Woodpecker High-pressure Plasma Air Purifier Escort your health

Woodpecker High-pressure Plasma Air Purifier More suitable for dental clinics

Product specifications	
Model	Q3
Rated voltage	220V~
Rated frequency	50Hz
Dimension (mm)	1550mm X 831mm X 335mm
Model	Q7
Rated voltage	220V~
Rated frequency	50Hz
Dimension (mm)	760mm X 310mm X 310mm