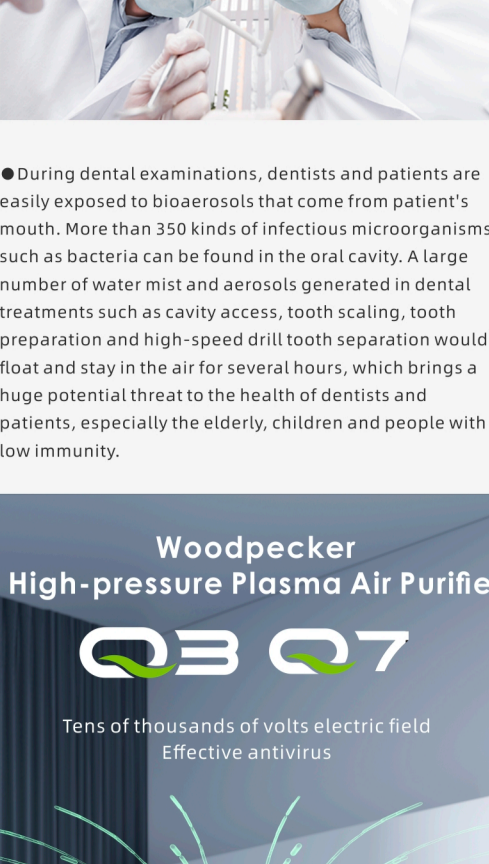


Dental Clinic Air Quality Solution



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.

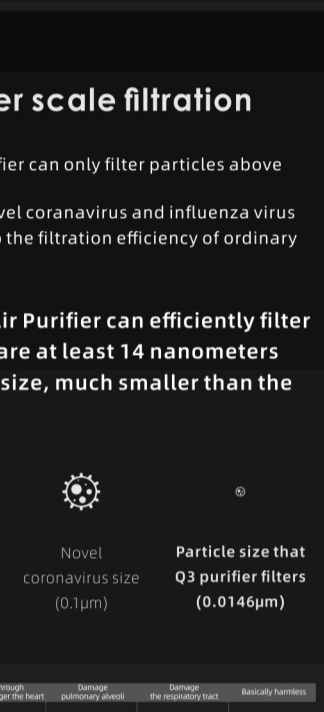
High-pressure electrostatic air purification technology can absorb particles and aerosols as small as 14.6nm. An electric field of 20,000 to 40,000 volts can effectively inactivate bacteria and viruses. The laboratory proves that its killing rate of H3N2 influenza virus within 1 hour is greater than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

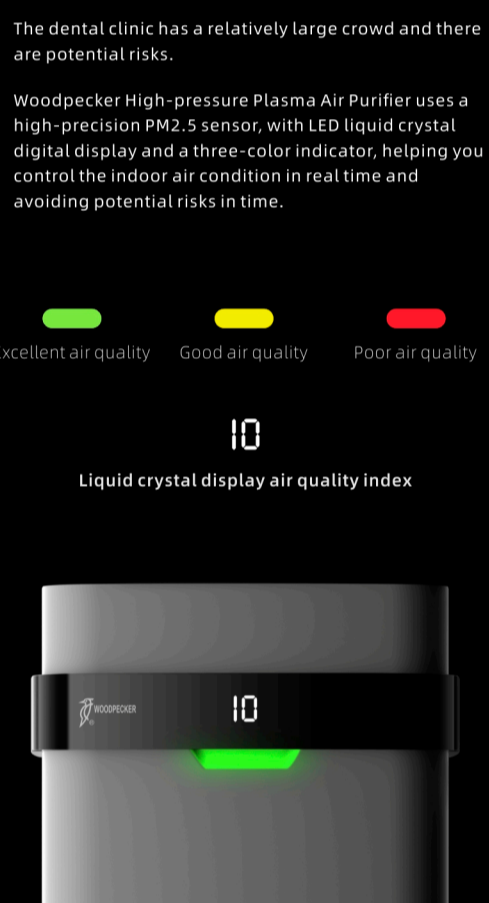
Bacterial virus



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



Novel coronavirus

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!



TPA technology

- 1 Prefilter
- 2 Generator pole
- 3 Ion field
- 4 Collector pole
- 5 Ozone catalytic network

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 0.3µm. The size of the novel coronavirus and influenza virus is about 0.1µm, so the filtration efficiency of ordinary purifier is low.

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



Existing air purifiers is 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.

Excellent air quality Good air quality Poor air quality

10
Liquid crystal display air quality index

Patent for wine glass air flow 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 flow design guides the clean air to spiral up and spray out along the smooth air flow, forming a large-scale three-dimensional air circulation, so that the air indoors is quickly renewed.

Invention Patent: CN20150960621.9
Utility Model Patent: ZL2015210681201

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 subsequent filters. Clean the collector electrode to realize reuse.

Low noise More comfortable treatment environment

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

One-click control Life needs a philosophy of subtraction

The five 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 minimalismy

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
Supercar 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	Rubycon 凡三丁株式会社

样品来源 Sample Source	委托送检	样品数量 Sample Quantity	3台
样品接收日期 Date	2019-12-03	样品名称 Name	机器
检测日期 Date	2019-12-03	检测完成日期 Complete Date	2019-12-07
检测方法 Method	参照《GB4706.1-2005 家用和类似用途电器的安全 第一部分:通用要求》		
检测标准 Standard	参照《GB4706.1-2005 家用和类似用途电器的安全 第一部分:通用要求》		
检测项目 Test Item	空气负离子浓度测试		

报告编号 Report No.	2019FMI744201	检测机构名称 Test Center	广东省微生物分析检测中心
检测时间 Test Time	2019-12-03	检测地点 Test Location	深圳市宝安区
样品名称 Sample Name	机器	检测项目 Test Item	空气负离子浓度
样品规格 Sample Spec	规格: 2.44*1.0*1.0	检测结果 Test Result	合格
检测方法 Method	参照: GB4706.1-2005	判定依据 Judgment Basis	GB4706.1-2005
检测标准 Standard	参照: GB4706.1-2005	备注 Remark	

Woodpecker High-pressure Plasma Air Purifier Escort your health

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

Product specifications

Model	Q3	Application area	30-40
Rated voltage	220V~	Rated power(W)	55
Rated frequency	50Hz	Weight (kg)	10.7
Dimension (m)	650mm X 316mm X 306mm		

Model	Q7	Application area	70-110
Rated voltage	220V~	Rated power(W)	110
Rated frequency	50Hz	Weight (kg)	19.7
Dimension (m)	760mm X 380mm X 380mm		