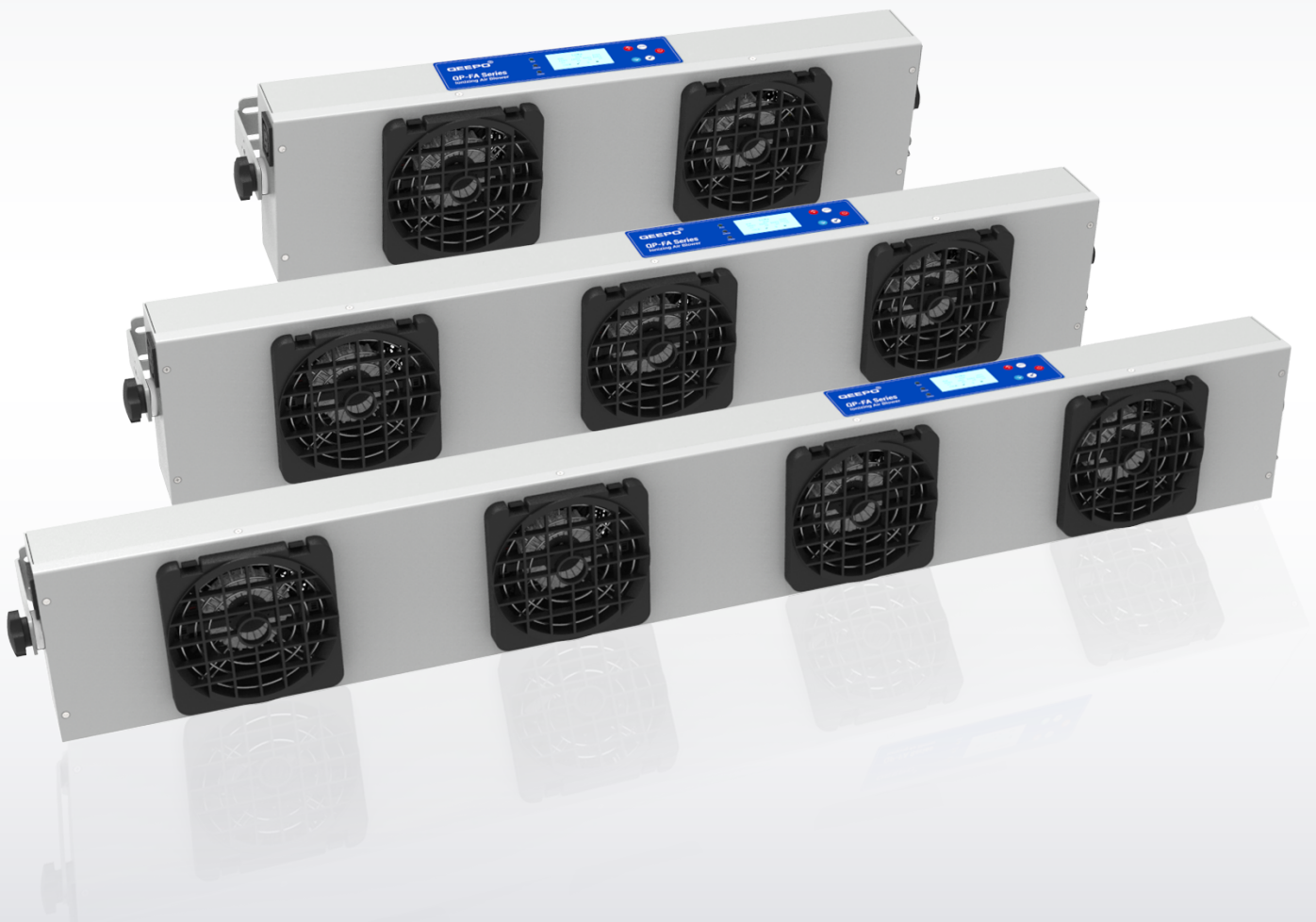
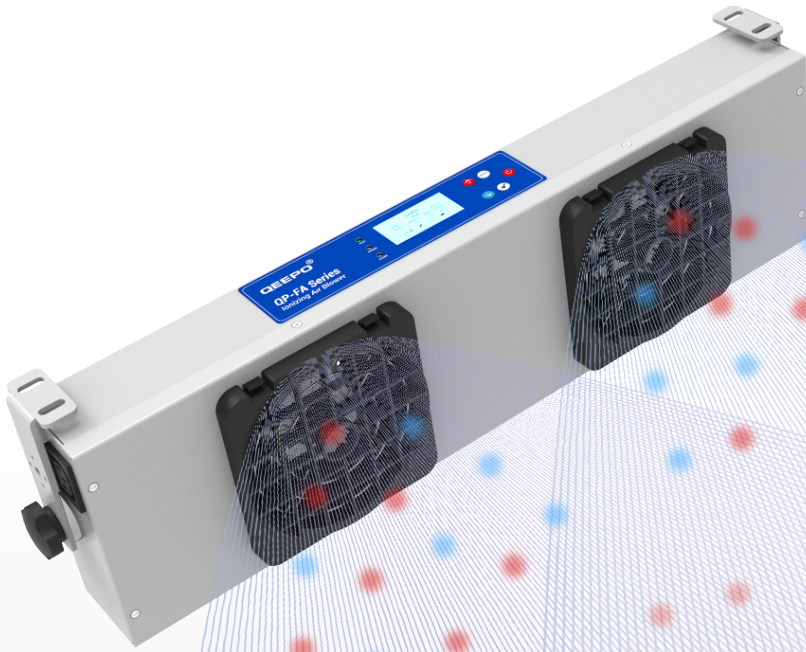


QP-FA02/QP-FA03/QP-FA04 Ionizing Air Blower



Automatic ion balance $\pm 5V$

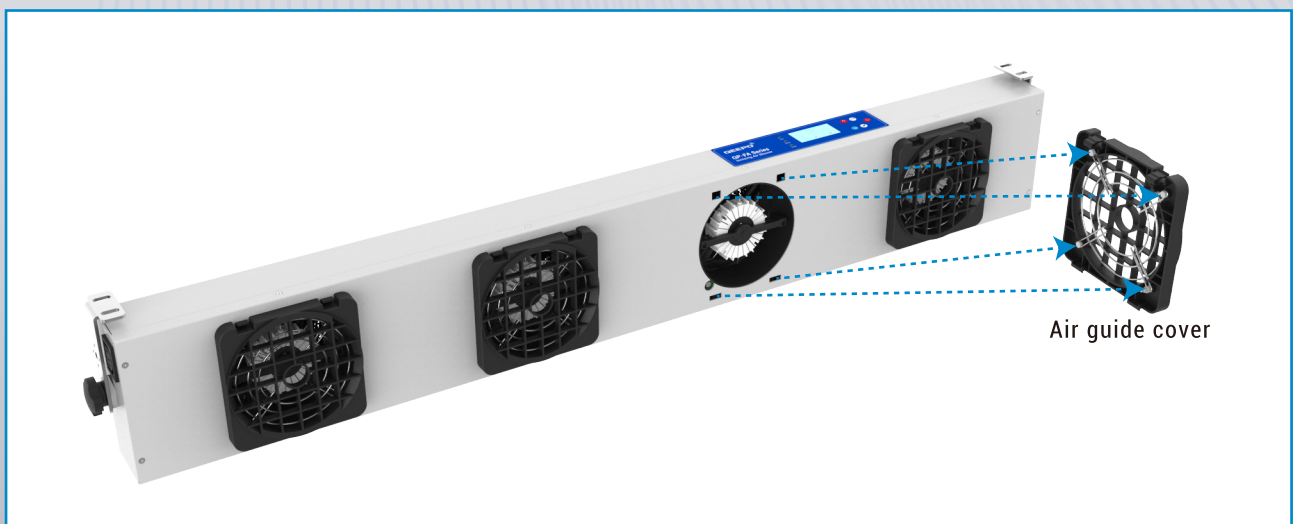
Large scale high-speed electrostatic discharge



Automatic ion balance $\pm 5V$

Ion fan air guide cover with built-in sampling unit

Through voltage induction control, automatic ion balance function has been achieved

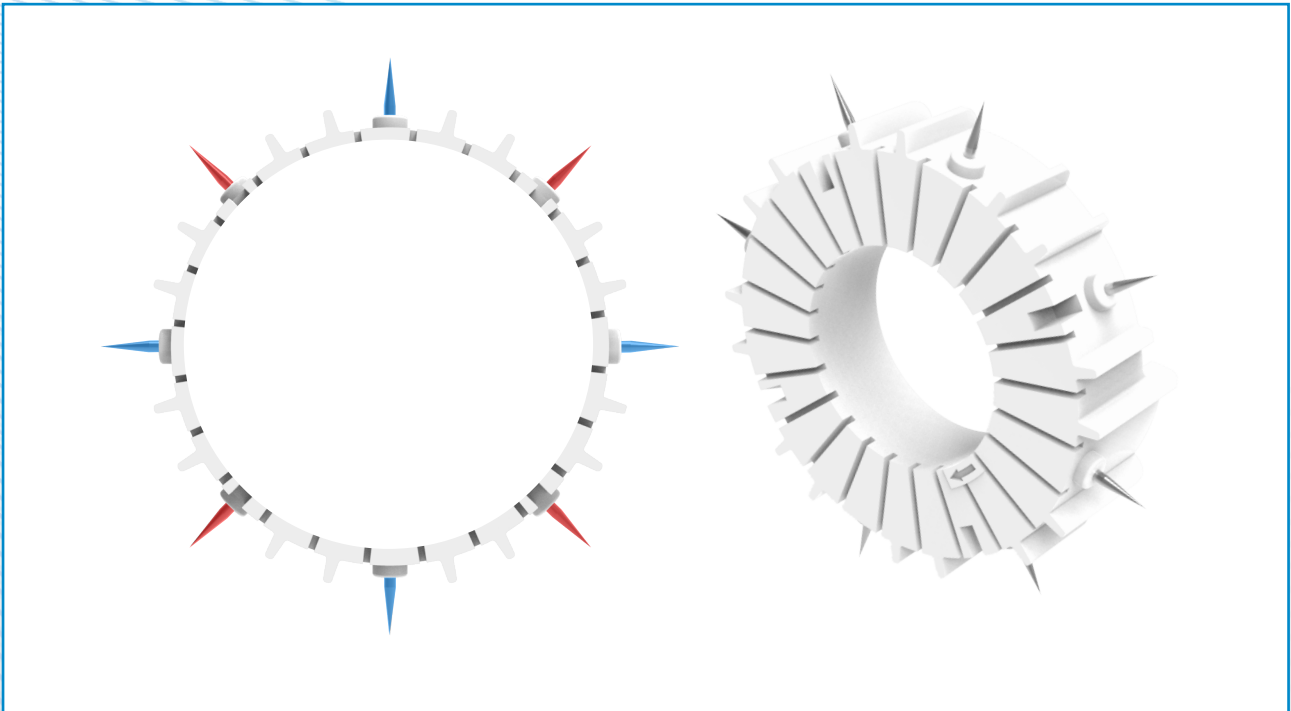


High speed electrostatic discharge

Static removal speed $\leq 1.5S$

There are 8 electrode needles with alternating positive and negative electrodes for electrode placement

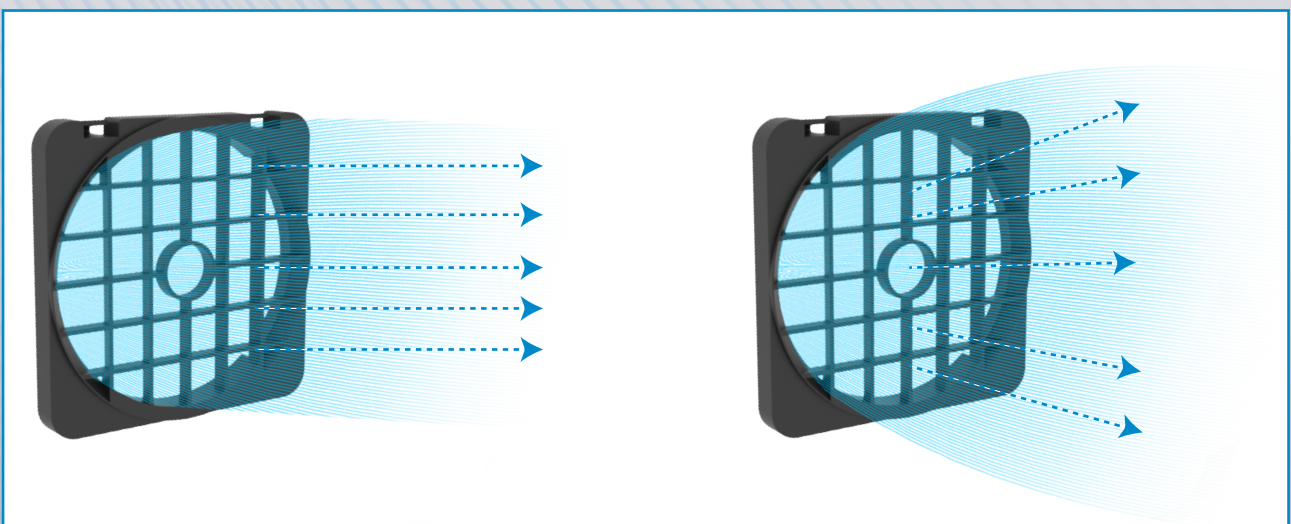
Realize high voltage circuits that can reach \pm DC4000-DC6000 V to generate a large amount of ions.



Large scale static electricity removal

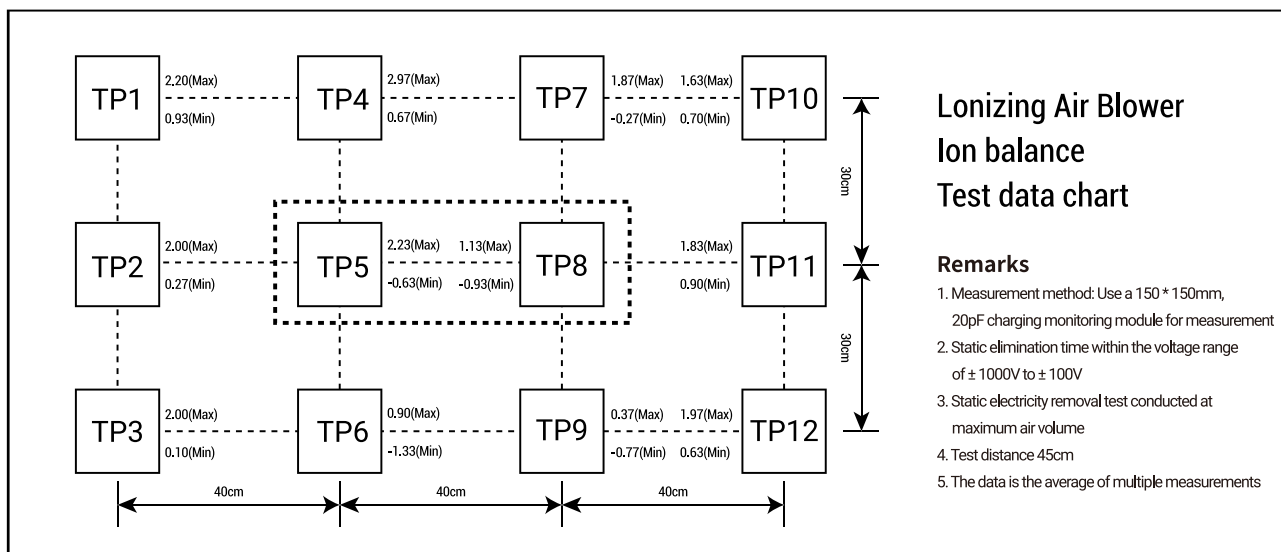
High wind power through a fan

The ion fan can achieve static elimination up to a distance of 900mm, and the wide-angle design of the air guide plate of the ion fan allows for a larger diffusion range.



Test

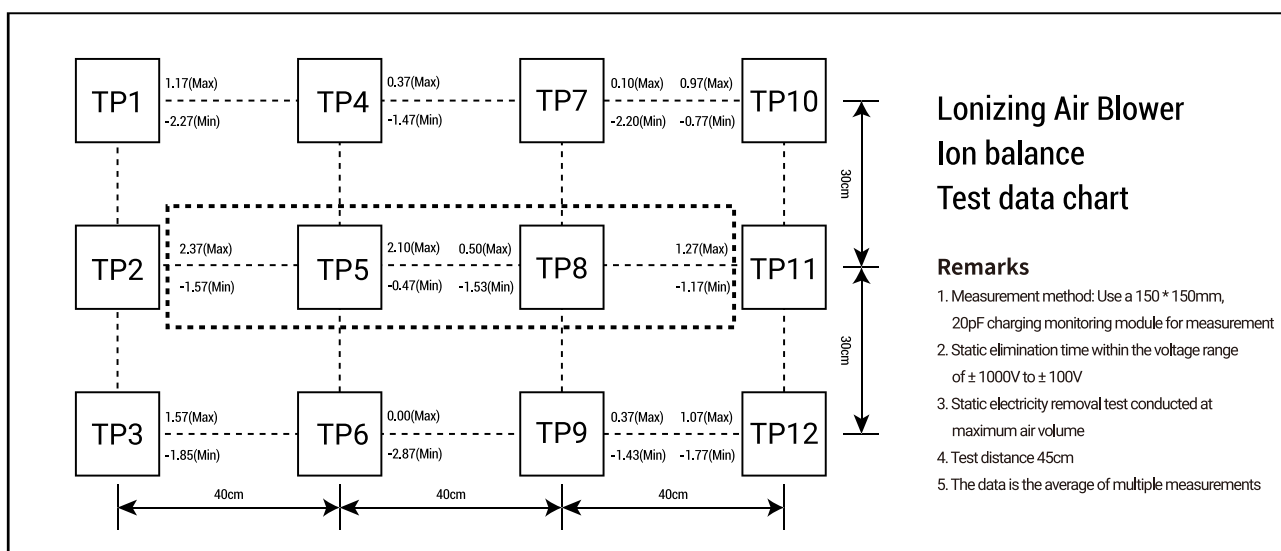
Ion balance



**Lonizing Air Blower
Ion balance
Test data chart**

Remarks

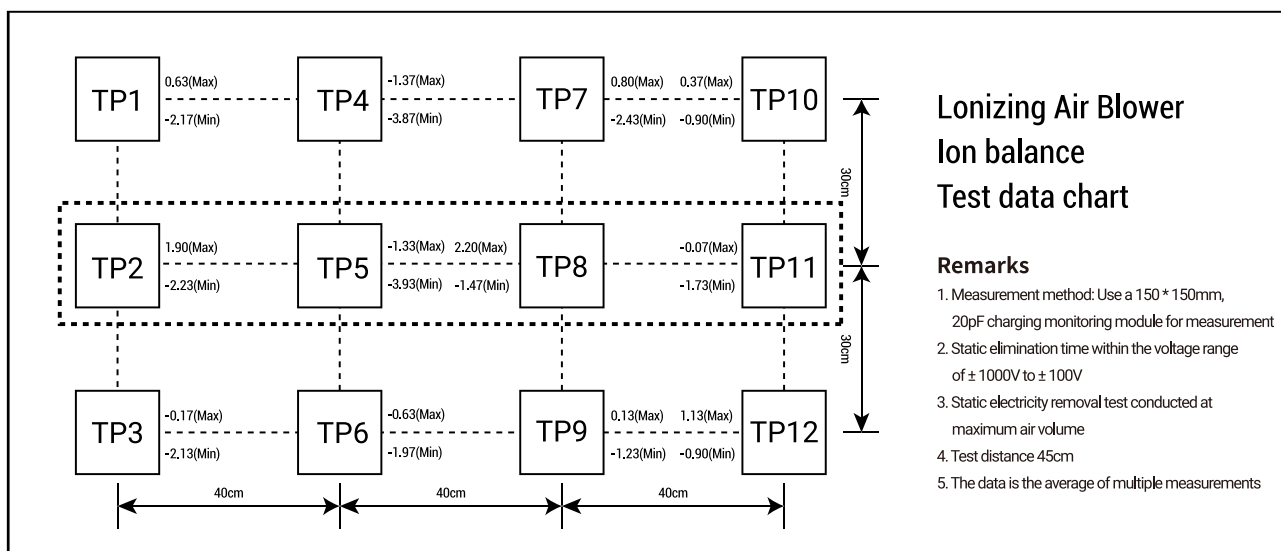
1. Measurement method: Use a 150 * 150mm, 20pF charging monitoring module for measurement
2. Static elimination time within the voltage range of ± 1000V to ± 100V
3. Static electricity removal test conducted at maximum air volume
4. Test distance 45cm
5. The data is the average of multiple measurements



**Lonizing Air Blower
Ion balance
Test data chart**

Remarks

1. Measurement method: Use a 150 * 150mm, 20pF charging monitoring module for measurement
2. Static elimination time within the voltage range of ± 1000V to ± 100V
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**Lonizing Air Blower
Ion balance
Test data chart**

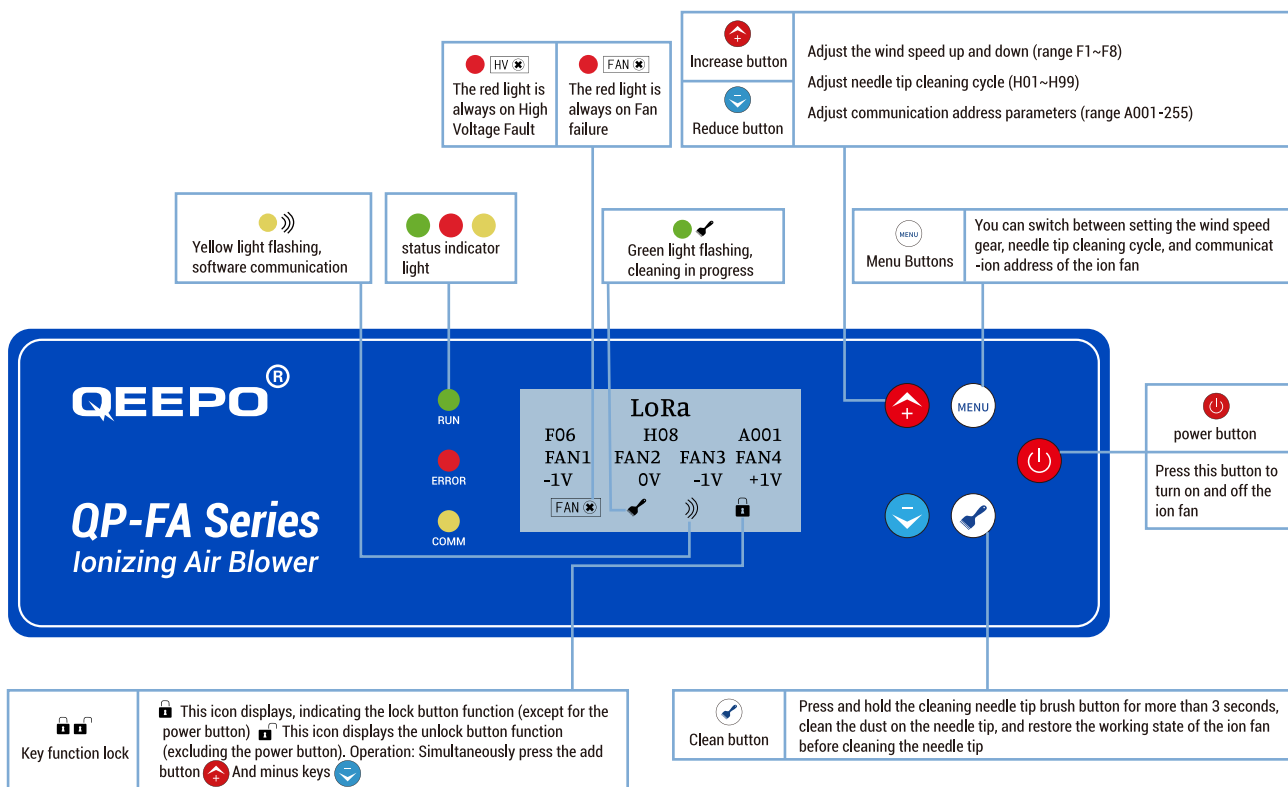
Remarks

1. Measurement method: Use a 150 * 150mm, 20pF charging monitoring module for measurement
2. Static elimination time within the voltage range of ± 1000V to ± 100V
3. Static electricity removal test conducted at maximum air volume
4. Test distance 45cm
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FUNCTION

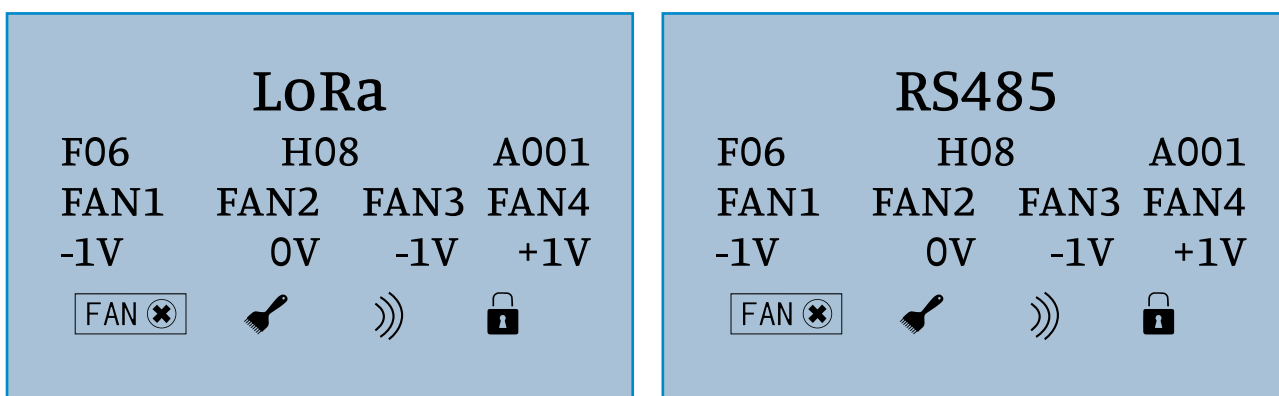
Product Function Panel

Simple operation, rich functions, and visual work status



Equipped with high-definition LCD display screen

It is easy to know the working status of the ion fan at a glance

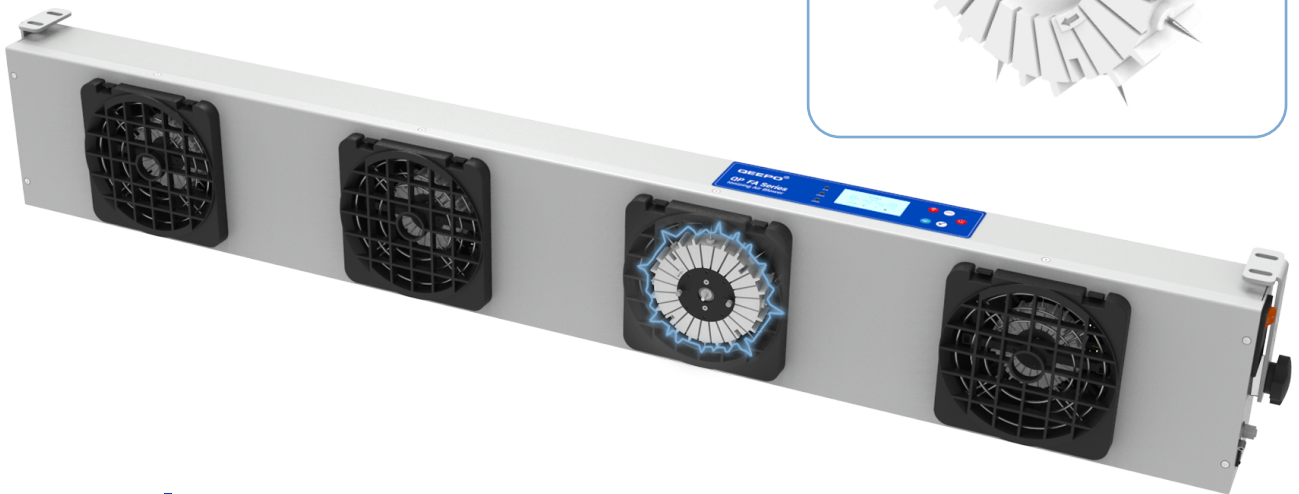


(With LCD display screen, it can display wind speed range (such as F08), cleaning cycle (such as H06), device address (such as A005), ion balance status range, high voltage fault (display HV), fan fault (display FAN), brush cleaning icon, button function lock icon)

REPLACE

The discharge electrode can be replaced

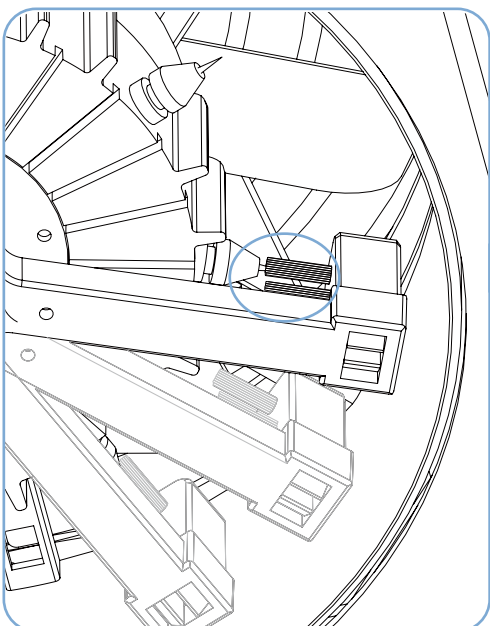
The discharge electrode is replaceable and comes with a tungsten needle as standard. Compared to titanium and silicon materials, tungsten needles have a longer lifespan.



Auto-cleaning

Equipped with automatic cleaning function, reducing maintenance costs, and the cleaning brush is driven by a motor to rotate

Clean the front end of the electrode needle with a cleaning brush to reduce dirt on the electrode needle.



INDUCTION

Voltage sensing control

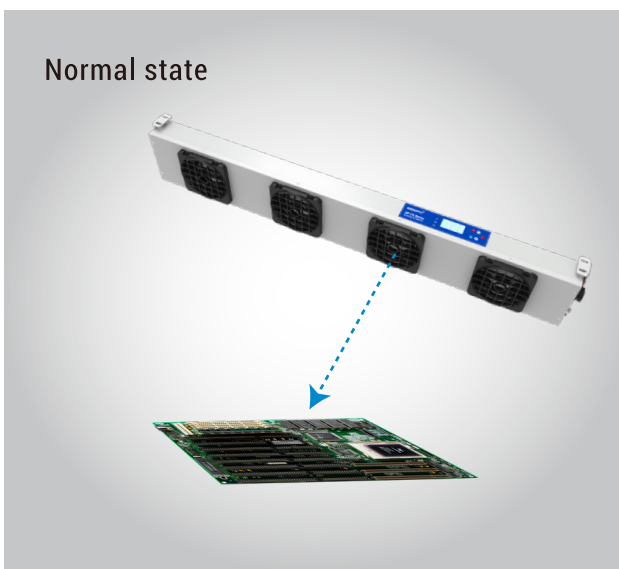
Voltage sensing control, built-in sampling unit in the guide hood of ion fan



Correct use

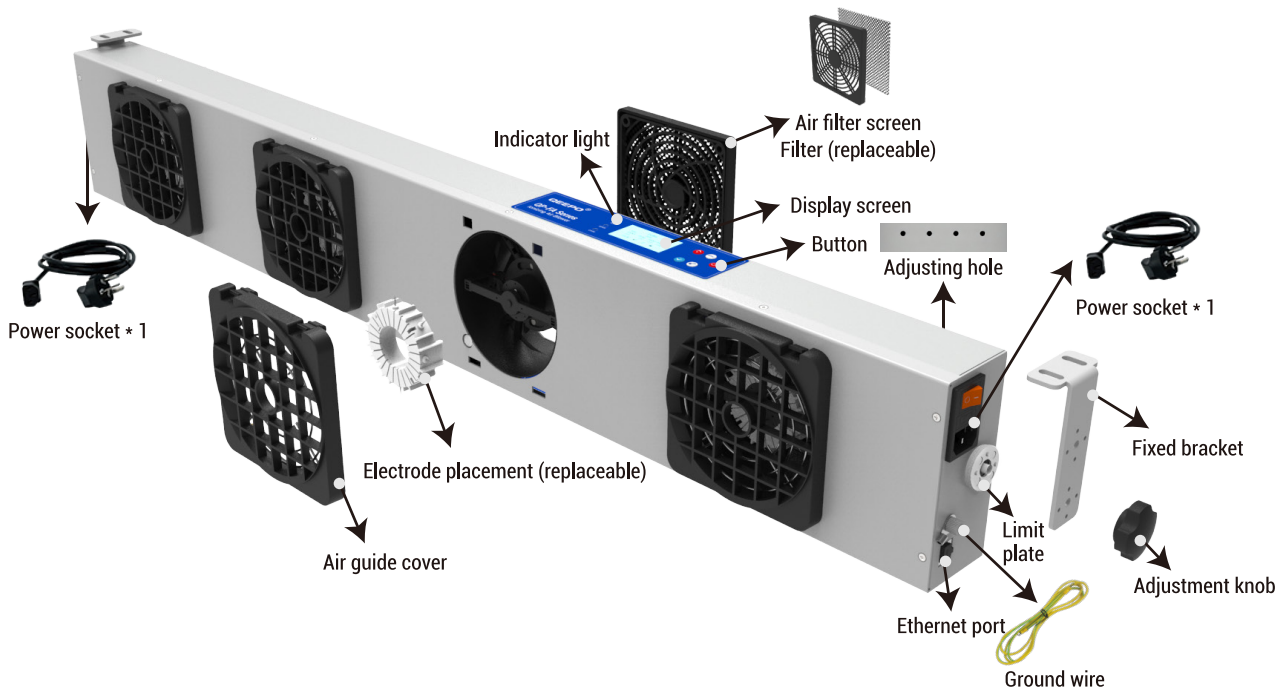
Instructions for use

Please install the ion fan correctly. Any directional deviation or obstacles between the ion fan and the static elimination target position may result in the inability to eliminate static electricity



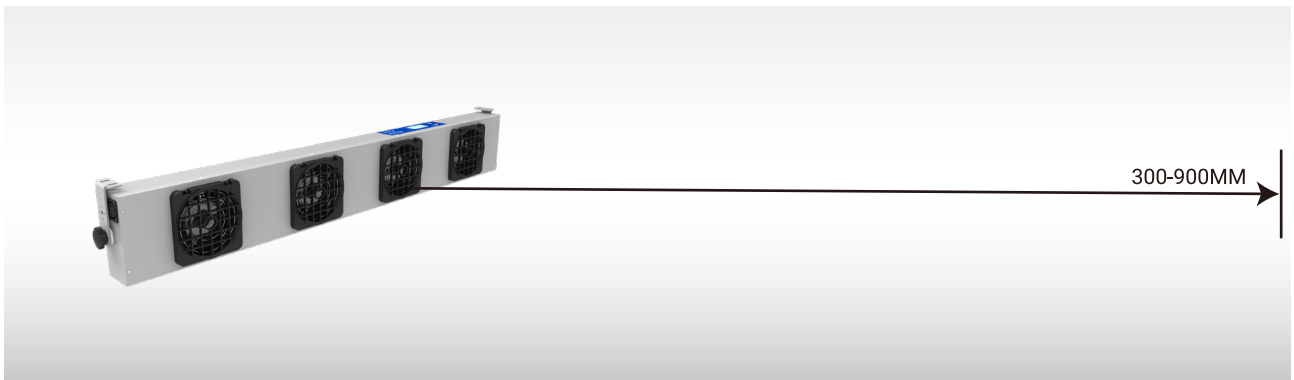
Equipment Composition

Accessory name

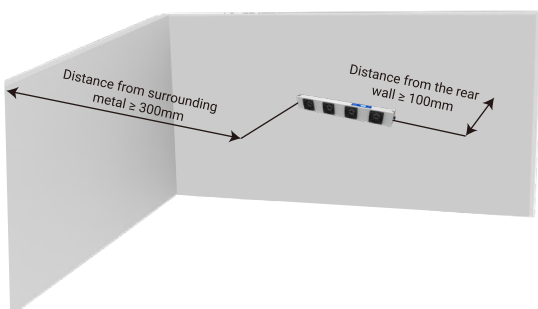


Install

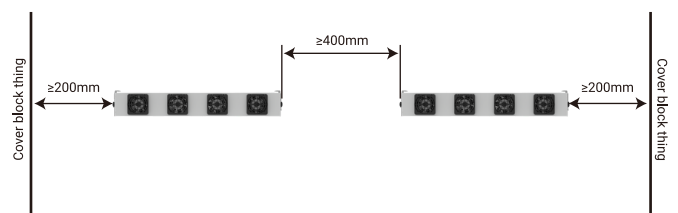
Precautions



① When using an ion fan, it should be placed in a working area to eliminate static electricity, and the installation angle should be perpendicular to the surface of the charged body. Note: The distance from the workpiece must not be less than 100mm, otherwise it may cause reverse charging phenomenon.



② The distance between the ion fan and the surrounding metal conductors and metal grounding bodies is $\geq 300\text{mm}$.



③ The distance between two ion fans installed side by side should be $\geq 400\text{mm}$, and the distance from obstacles such as walls should be $\geq 200\text{mm}$.

SPECIFICATIONS

Specifications

Performance parameters

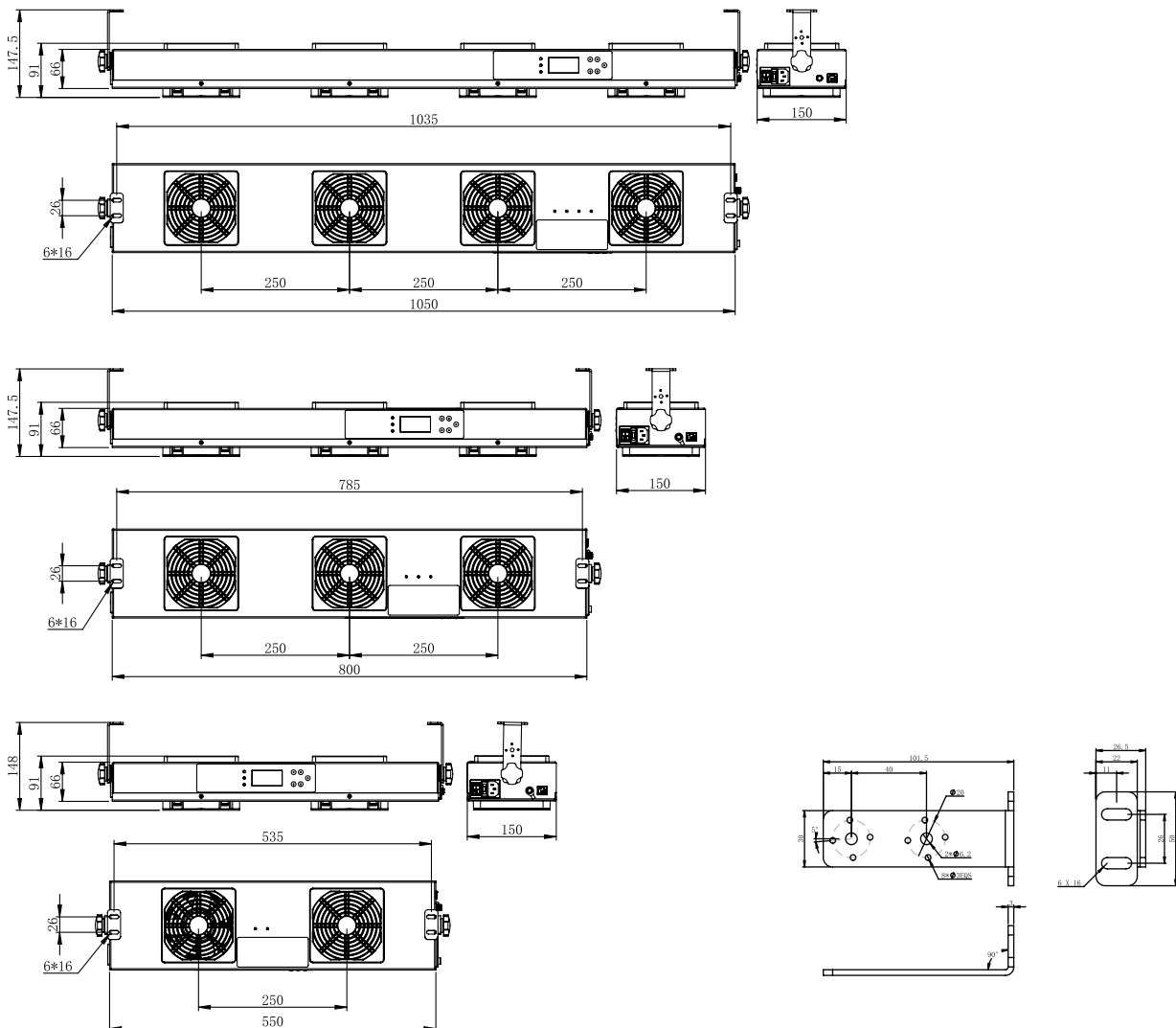
Model	QP-FA02/QP-FA03/QP-FA04	Range of static electricity removal	900*500mm/900*750mm/900*1000mm(L*W) ^{*6}
Voltage input	110V/220V AC ±10%, 50/60Hz	Ozone concentration ^{*5}	≤0.05ppm
Power ^{*1}	33W/44W/56W ^{*6}	Environmental temperature for use	0~+50°C (32~122F)
Current	150mA/200mA/255mA ^{*6}	Environmental humidity for use	35~75% RH (No condensation, no freezing)
Ion generation mode	Steady State DC	Overall dimensions	550*150*104mm/800*150*104mm/1050*150*104mm ^{*6}
Needle voltage	±DC4000-DC6000V	Shell material	Aluminium
Discharge structure	Uncoupled electrical contact	Electrode material	Tungsten
Air volume ^{*1}	100 CFM*2/100 CFM*3/100 CFM*4 ^{*6}	Weight	2.5kg/3.75kg/5.0kg(including bracket) ^{*6}
Noise (dB) ^{*2}	67dB/68.5dB/70dB ^{*6}	Warranty	1 Year
Ion balance ^{*3}	±5V	Certification Certificate	CE、UKCA
Static removal time ^{*4}	≤1.5s		

Note: *1: Maximum wind speed *2: 1000mm away from the air outlet, maximum wind speed *3: 300mm in front of the air outlet, maximum wind speed *4: 300mm in front of the air outlet, maximum wind speed *5: 150mm away from the air outlet *6: The product performance parameters are QP-FA02/QP-FA03/QP-FA04 in sequence

DRAWING

Drawing

Dimensional parameters

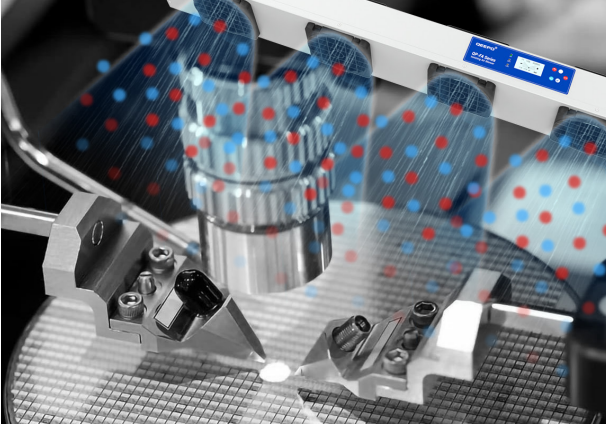


SCENE

Scene

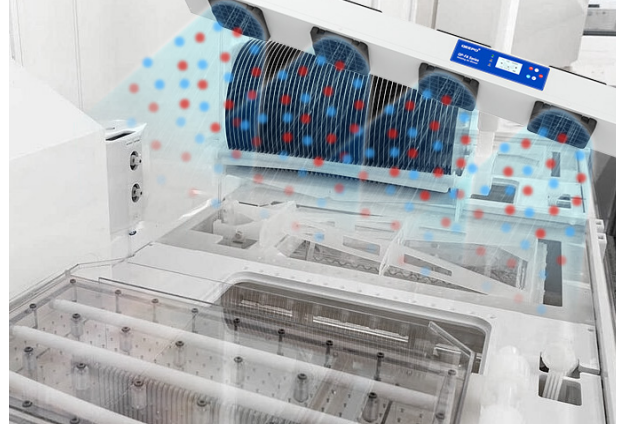
Application scenarios

Resolve static electricity issues in wafer testing



Semiconductor industry: effectively solving static electricity problems generated in processes such as cleaning, wafer testing, sorting, and peeling off wafer protective films

Solve the static electricity problem in wafer cleaning



Solve the static electricity problem of the detection workbench



Optoelectronics industry: effectively solves static electricity problems generated in electronic assembly, testing workbenches, integrated circuit board printing, ESD protection of electronic components, optical machines, and precision components processes

Solving the static electricity problem in integrated circuit board printing



Solving the problem of dust adsorption in food containers



Addressing the issue of electrostatic adsorption in the pharmaceutical production process



Pharmaceutical and food industries: To prevent hair or other foreign matter dust from mixing into drugs and food due to static electricity during the production process.

TYPE

A wide variety

static eliminator

Rod Shaped

QP-S35

Communication Type Intelligent Static Eliminator

Intelligent and visual effects
Faster static elimination system for eliminating static electricity

Static removal speed	0.1S
Control method	SIS control system
Ionic balance	±30V



Fan Type



QP-FA01

Ionizing Air Blower

Large scale high-speed electrostatic discharge
The discharge electrode can be replaced

Static removal speed	≤1.5S
Ion generation mode	Steady State DC
Ionic balance	±5V

Monitoring type/Handheld type

QP-C01

Intelligent Electrostatic Sensor

Real time monitoring of surface electrostatic voltage of objects

Data Response	<50ms
Measurement Error	±5%
Alarm Range	±20000V



QP-ESD201

Electrostatic Field Meter

Non contact handheld Electrostatic tester

Response time	<100ms
Measurement accuracy	±5%
Communication protocol	CAN Communication



STEP

Solve Electrostatic Problems

1'
STEP

Electrostatic Measurement

The Position And Size Of Static Electricity Can Be Measured With An Electrostatic Tester In Order To Formulate An Electrostatic Solution

2'
STEP

Electrostatic Elimination

Different Static Elimination Equipment Shall Be Used According To The Working Environment Of Static Electricity Generated In Industrial Manufacturing

3'
STEP

Maintenance

Regularly Clean And Maintain The Electrostatic Elimination Equipment To Maintain The Electrostatic Elimination Effect Of The Electrostatic Elimination Equipment



Welcome To Inquire

QEEPO Will Provide You With A Full Set Of Static Electricity Problem Solutions!

Tel

021-67651108

E-mail:sales@qeepe.cn

SCAN
Add attention

Main Products: Intelligent Electrostatic Eliminator, Corona Processor, Electrostaticgenerator, Ion Wind Rod, High Voltage Generator, Ion Fan, Electrostatic Sensor,electrostatic Tester, Etc



Alibaba Website



Official Website



Wechat Official Account

QEEPO Shanghai Static Co., Ltd. Shenzhen Pengpu Intelligent Equipment Co., Ltd

Alibaba: <https://pponpo.en.alibaba.com> Web: <https://www.qeepe.com>

Company Headquarters Address: Building 1, Lane 160, Longgao Road, Songjiang District, Shanghai

Shenzhen Branch Address: Room 1204, Block A, Building 1, Xingyao Plaza, No. 38 Huaxing Road, Longhua District, Shenzhen

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