

Ion Parts Cleaner



IPC-A4

Ideal A4 size for cell workbenches



IPC-A3

Ideal A3 size for cell workbenches



IPC-250CR NEW

New concept of neutralization

Why is VESSEL's ion parts cleaner our customer's top choice?

1

Neutralization and dust elimination inside hoods

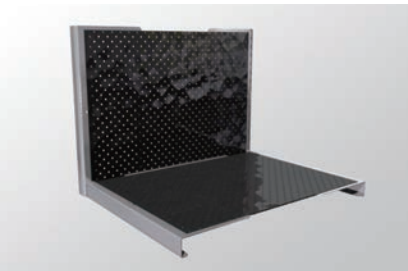
Dust adhered with static electricity is neutralized inside the ionized hood and eliminated with automatic powerful air blow.



2

Capture dust with self-adhesive urethane gel

The adhesive surface of the urethane gel mat enables to catch any dust blown away by the ionized air inside the booth. The washable gel sheet can be used repeatedly (IPC-A4/A3).



Fan Type	Nozzle Type	Gun Type	Bar Type	Ion Parts Cleaner	EPA Working Mat	Clean Walker	Options
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Ion Parts Cleaner

A4 size is ideal for capturing dust with adhesive urethane gel at cell workbench

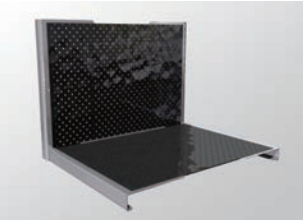
IPC-A4



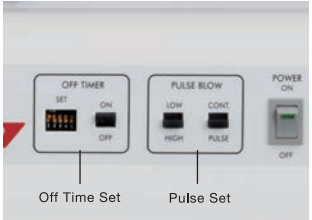
EDP No. 621610

Sensor	Air blow	Off delay timer
Diffused reflection type	Continuous/pulse blow selection	1 to 30 seconds (5 steps)
Power supply DC24V	Air Pressure max 0.6MPa	Ionizer N-3x1pc
	AC adapter 100~240V included	Regulator Built-in
		Self-adhesive polyurethane gel sheets and non-woven fabric filter
		Integrated hood/dust collector

- ▶ With no built-in dust collector, its power consumption is substantially reduced.
- ▶ Dislodged dust will be collected by the adhesive gel sheets.
- ▶ Select continuous or pulse blow of ionizing dust collection air from nozzle-type ionizer.



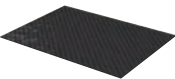
Self Adhesive GEL collects Dust



Specifications

Model No.	IPC-A4
Ionizing method/Applied voltage	Piezoelectric high frequency AC corona discharge / 5.6kVAC (p-p)
Power supply	DC24V±5%
Current consumption	700mA or less
Dust collection airflow	3.5 m³/min (Built-in fan)
Static pressure	105Pa (Built-in fan)
Dust collection filter	Self-adhesive polyurethane gel sheets and non-woven fabric filter
H×W×Dmm	H361×W314×D253mm
Weight	6kg
Air supply hose diameter	Tube fitting 8mm
Operating fluid	Clean dry air (0.1 to 0.6MPa)
Air Consumption	147ℓ/min(0.3MPa, Continuous mode)
Ozone production	0.05ppm or less (measured 50mm)
Operating environment temperature and humidity	5°C to 40°C/35% to 65% RH (with no dew condensation or freezing)
Accessories	AC adapter, Adhesive gel sheet plate (included with device) x 2pcs

Accessories



Adhesive gel sheet (1pc)
IPC-A4G
EDP No. 806091

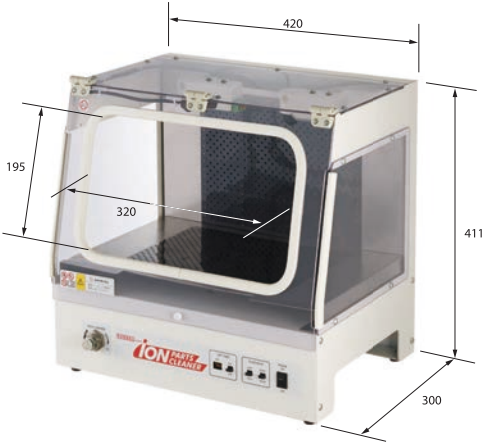


AC Adapter
AD-24-IT19
EDP No. 806081
I/P : AC100V~240V 1.2A
O/P : DC24V 1.9A
(AD24-IT19E is available on request.)

Ion Parts Cleaner

A3 size is ideal for capturing dust with adhesive urethane gel at cell workbench

IPC-A3



EDP No. 621612

Sensor	Air blow	Off delay timer
Diffused reflection type	Continuous/pulse blow selection	1 to 30 seconds (5 steps)
Power supply DC24V	Air Pressure max 0.5MPa	Ionizer N-3x2pcs
	AC adapter 100~240V included	Regulator Built-in
		Self-adhesive polyurethane gel sheets and paper pack filter
		Integrated hood/dust collector

- ▶ With no built-in dust collector, its power consumption is substantially reduced.
- ▶ Dislodged dust will be collected by the adhesive gel sheets.
- ▶ A paper pack filter can be attached to the exhaust port on the rear side (standard).



Regulator Built-in



Filter to Duct: Replaceable

Specifications

Model No.	IPC-A3
Ionizing method/Applied voltage	Piezoelectric high frequency AC corona discharge / 5.6kVAC (p-p)
Power supply	DC24V±5%
Current consumption	900mA or less
Dust collection airflow	1.13 m³/min (Built-in fan)
Static pressure	460Pa (Built-in fan)
Dust collection filter	Self-adhesive polyurethane gel sheets and paper pack filter
H×W×Dmm	H411×W420×D300mm
Weight	9.5kg
Air supply hose diameter	Tube fitting 10mm
Operating fluid	Clean dry air (0.1 to 0.6MPa)
Air Consumption	315ℓ/min(0.3MPa, Continuous mode)
Ozone production	0.05ppm or less (measured 50mm)
Operating environment temperature and humidity	5 to 40°C / 35 to 65% RH (with no dew condensation or freezing)
Accessories	AC adapter, Adhesive gel sheet plate (included with device) x 2pcs, Duct flange (for φ75mm), Paper pack filter (6pcs)

Accessories



Adhesive gel sheet (1pc)
IPC-A4G
EDP No. 806091



AC Adapter
AD-24-IT19
EDP No. 806081
I/P : AC100V~240V 1.2A
O/P : DC24V 1.9A
(AD24-IT19E is available on request.)

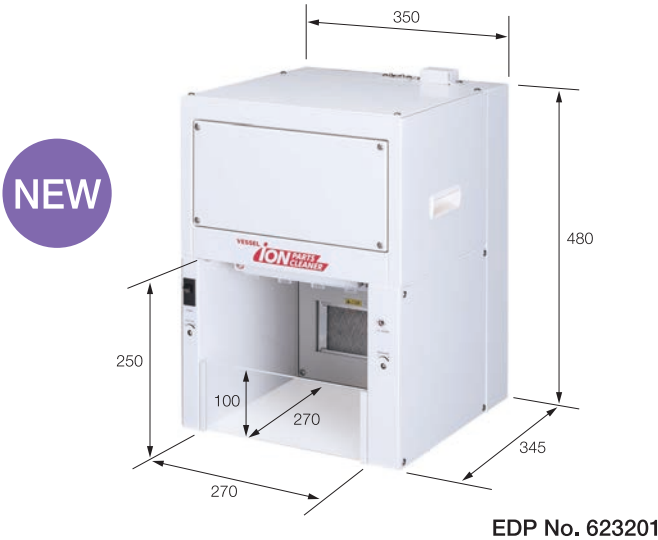


Paper pack filter (6pc.)
IPC-A3F

Ion parts cleaner IPC CLEAN

"ION CLEANING" - New Concept of Neutralization

IPC-250CR



- Air blow
- Continuous
- Power supply 24V DC
- DC type ionizer
- AC adapter 100~240V (Option)
- Airblow port
- Air volume regulator built-in
- HEPA filter

- Cleaned air blow with HEPA filter
- DC ionizer incorporated, creating an ionized space
- Adjustable air blow volume
- No exhausted air by the air circulation system

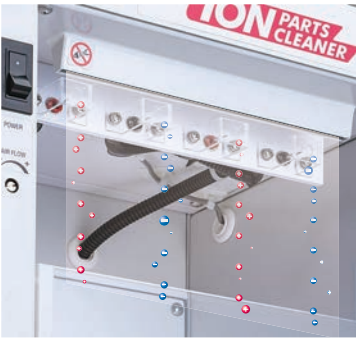
Built-in HEPA filter. Replaceable by unit.



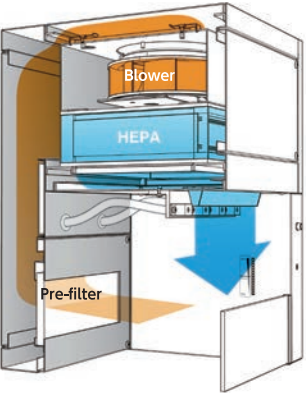
Specifications

Model No.	IPC-250CR
Ionizing method/Applied voltage	DC corona discharge / +6 kV,-3 to -7 kV
Power supply	24V DC ±5%
Current consumption	4.5 A max. (excluding inrush)
Air flow	Max. 14 m³/min (No internal filter clogging, output value of the blower)
Wind speed	Max. 25m/sec. (No clogging of built-in filter, output value of the blower)
Dust collection method	Built-in pre-filter and HEPA filter (two-stage)
HxWxD	515 x 350 x 345 mm (without protrusions)
Weight	22 kg
Noise	74 dBA (Maximum air flow, no clogging of built-in filter or deterioration of blower)
Operating temperature and humidity	+5 to +40℃ 35 to 65% RH (no condensation or freezing)
Accessories	Caution label sticker / Instruction manual

The generated ions are blown off downward with the air through the wide air discharge port.



Air circulation type, with no exhausted air.



Replacement parts



Pre-filter
IPC-250CRPF
EDP No.623203



HEPA filter
IPC-250CRHF
EDP No.623202



Needle electrode
SDJ-05RH
EDP No.806044

Option



Adapter specification

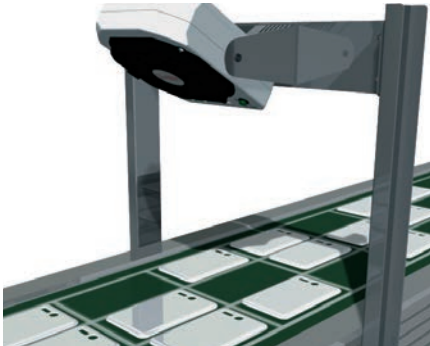
AC Adapter
AD24-150-PD4
EDP No.806146
I/P : 100V to 240 V AC, 50/60 Hz
O/P : 24V DC 5A

Inquire us of the 2 round pin type.

VESSEL ionizers for a variety of applications.



Inspection process



Dust prevention on molded parts



Wide conveyor



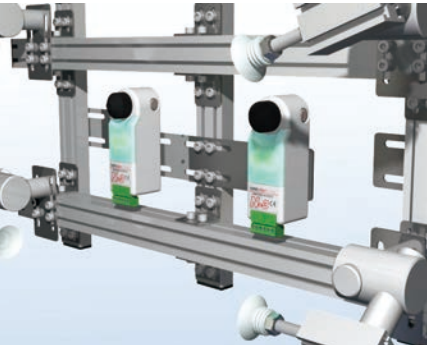
Cell production table



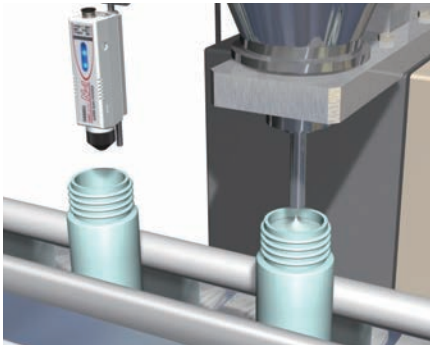
Bottle cleaning



Vibratory bowl feeder (joint nozzle + shower tube)



Robots for molded parts



Removal of fluid spills in filling lines



Using with flexible shaft



Moval in a bottle



Check the small points with LED Beam Light.



Static electricity removal of resin parts



Over a belt conveyor



Injection molded plastic objects



Packing process of food containers