

Gun Type



G7R-E

Compact and lightweight
High discharge air blow ionizer

Decay time 1.0 sec or less



BBZ-E

Eliminate dust and static electricity
for wide area.
Silent and highly durable

Decay time 1.0 sec or less

1

The bright white LED lamp makes dust visible

Use the LED lamp to check dust that has
adhered on the workpiece.



2

Piezoelectric transformer enhances safety with no need to expose high-voltage cables

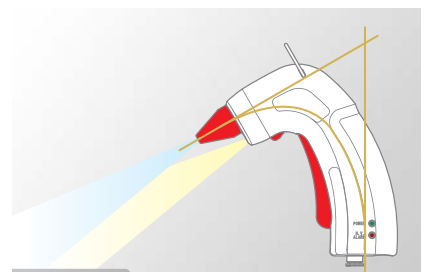
The high-voltage cable is not exposed, so
there's no need to worry about current leaks or
electric shock caused by wire breakage.



3

Ergonomically designed grip is easy to hold and adjusted to the optimum angle

The nozzle direction faces the optimum
direction when the grip is held, allowing work to
be started right away.



Gun-type Ionizer

Our most popular ionizing air gun is compact,
lightweight and user-friendly

G7R-E

EDP No.621621

High Voltage Transformer	Ion balance	Decay time	Directive
Piezoelectric high-frequency AC corona discharge	within ± 10 V	1.0 sec or less	CE RoHS
Power supply DC24V	Air Pressure max 0.6MPa	LED illumination	INCLUDED TRANSFORMER 100-240VAC
		Screw-type needle electrode	"ON" lamp
			ALARM H.V.

- ▶ Ideal for neutralization and dust elimination of precision parts at hand, for example, in cell production.
- ▶ Our diverse lineup of options supports various applications.
- ▶ Our tough 2.5 m robot cable withstands up to 150,000 bends.



Attach a brush to blow out dust



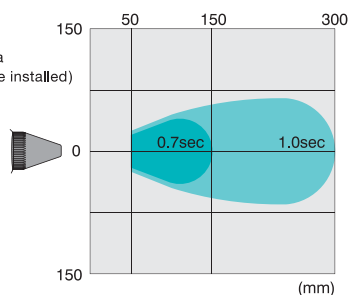
Operating and malfunction alarm LEDs are provided on both sides of the grip

Specifications

Model No.	G7R-E
Ionizing method/Applied voltage	Piezoelectric high-frequency AC corona discharge/AC 2kV
Power supply and current consumption	DC24V $\pm 5\%$ / 85mA (typ.)
Ion balance	within ± 10 V
Decay time	1.0 sec or less (standard nozzle-measured 150mm from device at 0.3 MPa)
Operating range	50 mm to 600 mm
HxWxDmm	L105xH150xD36mm
Weight	200g
Air supply hose diameter	tube fitting $\Phi 6$ mm
Operating fluid	Clean dry air (0.1MPa to 0.6MPa)
Airflow	200 l /min (0.3MPa)
Noise level	92 dBA (0.3MPa)
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 AD24ITC-E AC cable (1.8m) / Standard Nozzle (included with device)

Decay area

Air Pressure : 0.3MPa
(with Standard Nozzle installed)



Accessories



Standard Nozzle
G-7SN
EDP No. 806057



Tube fitting Nozzle
G-7B



Brush: 60 mm bristles
G-7B
EDP No. 806059



Electrode Needle Replacement Screwdriver
G-7DR
EDP No. 806061



AC Adapter
AD24-ITC-E
EDP No. 806067

Gun-type Ionizer

Silent and high durability model
ideal for air blowing in wide areas

BBZ-E

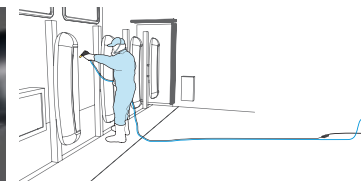
EDP No.621638

High Voltage Transformer	Ion balance	Decay time	Directive
Piezoelectric high-frequency AC corona discharge	within ± 10 V	1.0 sec or less	CE RoHS
Power supply DC24V	Air Pressure max 0.6MPa	LED illumination	INCLUDED TRANSFORMER 100-240VAC
		Screw-type needle electrode	"ON" lamp
			ALARM H.V.

- ▶ Ideal for standing work such as neutralization and dust elimination of large plastic products.
- ▶ Silent nozzle reduces work environment noise.
- ▶ 5m robot cable withstands up to 150,000 bends & screw-in connector withstands vibration



Silent, high-discharge air nozzle reduces wind noise
Long cable allows work in wide range



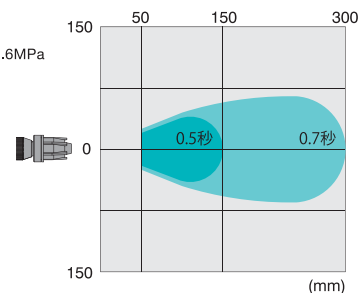
The long power cable (5m) allows work in a widespread area

Specifications

Model No.	BBZ-E
Ionizing method/Applied voltage	Piezoelectric high-frequency AC corona discharge/AC 2kV
Power supply and current consumption	DC24V $\pm 5\%$ / 85mA (typ.)
Ion balance	within ± 10 V (standard nozzle-measured 150mm from device at 0.3 MPa)
Decay time	1.0 sec or less (standard nozzle-measured 150mm from device at 0.3 MPa)
Operating range	50 mm to 600 mm
HxWxDmm	L132xH152xD36mm
Weight	210g
Air supply hose diameter	tube fitting $\Phi 6$ mm
Operating fluid	Clean dry air (0.1MPa to 0.6MPa)
Airflow	200 l /min (0.3MPa)
Noise level	81 dBA (0.3MPa)
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 AD24-ITB-E AC cable (1.8m)

Decay area

Air Pressure : 0.6MPa



Accessories



Nozzle
BB-ZSN
EDP No. 621708



AC Adapter
AD24-ITB-E
EDP No. 806076

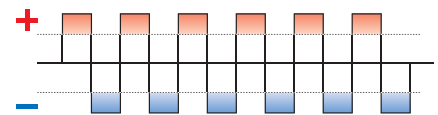
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Super Fast Static Electricity Removal

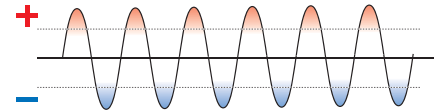
AC pulse method

Generating alternately positive ions and negative ions from each electrode. Since ions are generated at the maximum width of each positive and negative electrode cycle, the ion volume is high and static electricity can be removed quickly.

AC pulse

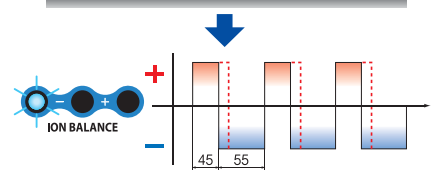
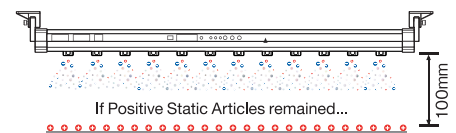


AC



Auto Balance Mode

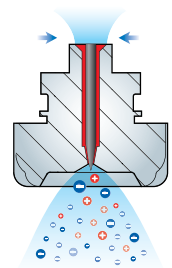
The C series are equipped with a mode to optimally adjust the ion balance automatically according to the polarity of the charged matter. (Target distance: 50 to 100 mm)



More negative ions are generated.

Air purge function

With air purged toward the needle electrode tip. This not only prevents contamination at the tip of the electrode needle, but also carries the generated ions quickly to the charged object and removes static electricity.



Bar Type



C-series **NEW**

Compact and clean design
Super-high speed ionizer

Ion balance within $\pm 30V$
(Distance 1000mm)



SH-series **NEW**

Slim and high-speed ionizer
High-voltage power standalone type

Ion balance within $\pm 50V$
(Distance 1000mm)

2

Usability

Easy maintenance design

One-touch needle replacement. A socket type needle can be easily replaced.

*The electrode needle cannot be removed from the SH-series.



Clean design

Needle cleaning time notified

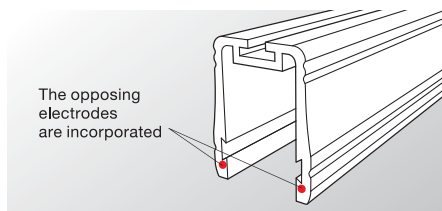
The cleaning interval can be set between one and 60 days, in one-day units. When the time elapses, the needle-cleaning lamp lights up and an alarm displays. *C-series

The ion current is detected. When the ion generation drops, the ION/TIP lamp turns ON and an alarm displays. *B-series



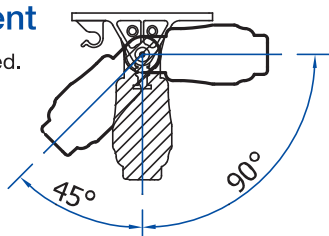
Body contamination prevention

Opposing electrodes are incorporated in the body. The induced voltage prevents particles from sticking to the outer side of the body, and limits the losses in applied voltage to improve the ion generation efficiency. *C-series



Angle adjustment

The angle can be adjusted.



3

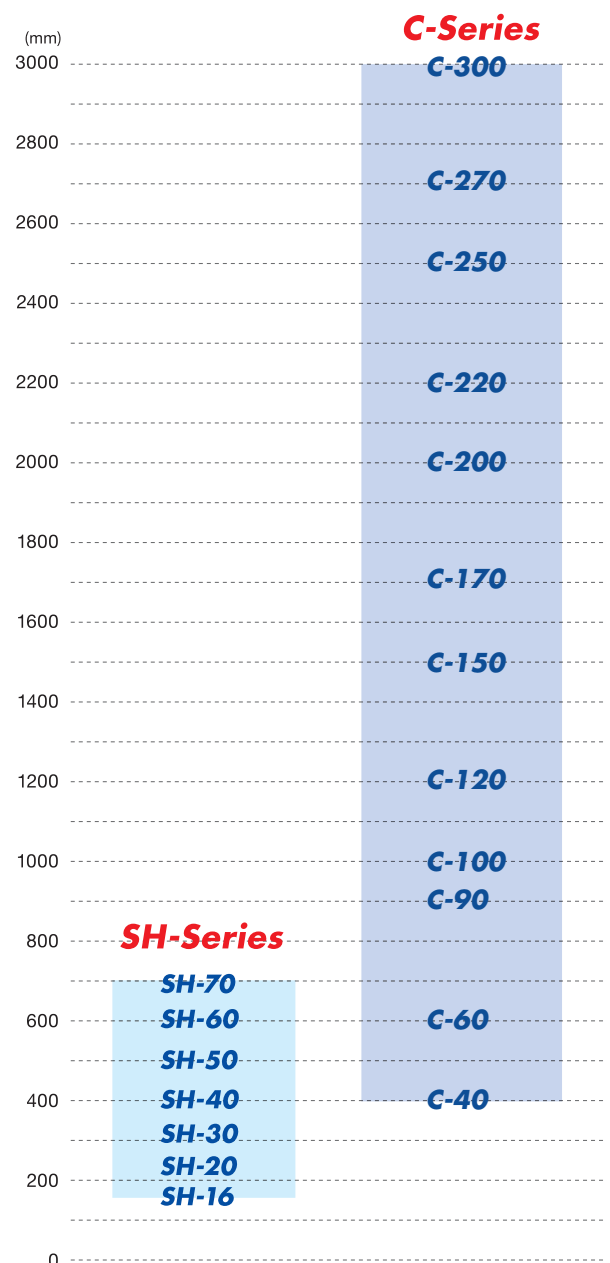
Line-up at a glance

Sizes to match various working environments

Ionizing bars are available in a variety of sizes for assembly into small electronic part manufacturing systems to neutralization of large workpieces such as film and liquid crystal glass.



All bar type series lineup



Clean & Compact.

Newly designed high-precision and high-speed ionizer applying a new technology

C-series**NEW**

C-40 EDP No.621857	C-170 EDP No.621855
C-60 EDP No.621858	C-200 EDP No.621856
C-90 EDP No.621851	C-220 EDP No.621859
C-100 EDP No.621852	C-250 EDP No.621860
C-120 EDP No.621853	C-270 EDP No.621861
C-150 EDP No.621854	C-300 EDP No.621862



High Voltage Transformer	Ion balance	Directive
Pulse AC corona discharge	within ± 30 V (measured 1000 mm)	CE RoHS
Power supply DC 24V $\pm 5\%$	LCD Display	ALARM H.V.
Air Pressure max 0.3MPa	Electrode needle unit replacement	External output LAN Terminal
	Adjustable Ion Balance	
	Needle Cleaning Timer (1 to 60 days)※	

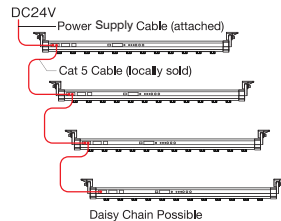
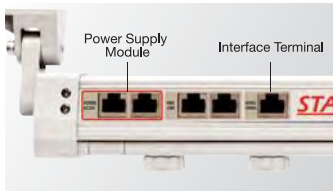
※ except C-40, -C60

- ▶ Newly designed super-fast ionizing air discharge port
- ▶ Auto Balance Mode (Target distance: 50 to 100 mm)
- ▶ Terminals grouped on one side. Enabling a daisy-chain connection.

Common Specifications

Model No.	C-90~C-200
Ionizing method/Applied voltage	Pulse AC Corona discharge / AC8~12.5kV(p-p)
frequency	0.1 to 50Hz (Select form ten steps)
pulse ratio	Positive ion 40 to 70 %, negative ion 60 to 30%
Power supply and current consumption	DC24V $\pm 5\%$ / 600mA(max.)
Ion balance	within ± 30 V (Distance 1000mm)
Decay time	See below
Operating range	50 to 2000mm
HxWxDmm	Refer to the figure on the right
Weight	Refer to the figure on the right
Air supply hose diameter	PT1/8
Operating fluid	Clean dry air or nitrogen (N ₂) (0.3 MPa or less)
Ozone production	0.05ppm or less (measured 50mm)
Operating environment temperature and humidity	5°C to 40°C/35% to 85% RH (with no dew condensation or freezing)
Accessories	Remote controller / Power cable (5m) / End brackets (included with device) / Middle bracket (included with device / except C-40,C-60,and C-90)

*Silicon discharge needles also available. For more detail please contact us.



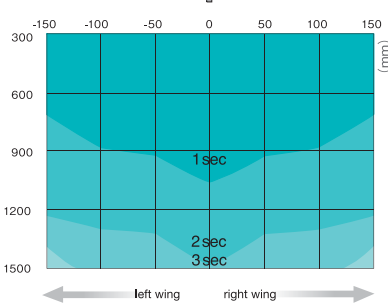
Daisy Chain Possible

Decay area

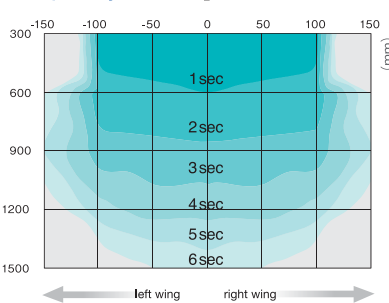
Measurement conditions

•Product : C-150 •Voltage : 10.5kV(P-06 N-06) •Air pressure : 0.3MPa •Temperature : 24°C $\pm 1^\circ$ C
 •Humidity : 40% $\pm 2\%$ RH •Decay time : ± 1000 V $\rightarrow \pm 100$ V •CPM : 20pf ± 2 pf(150x150mm)

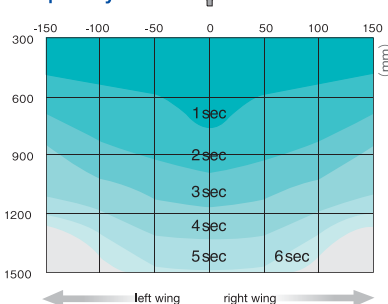
Frequency: 0.1Hz



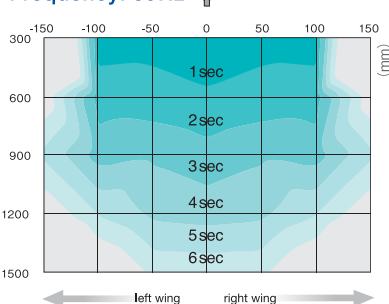
Frequency: 30Hz



Frequency: 1Hz



Frequency: 50Hz



Options

AC Adapter
AD24-IT-EX

(Operatable with One Bar type IONIZER only)
 I / P : AC100V~240V 0.4A
 O / P : DC24V 0.75A
 EDP No. 806050

AC Adapter
AD24-ITCF-EX

(Operatable with Two Bar type IONIZERS only)
 I / P : AC100V~240V 1.2A
 O / P : DC24V 1.5A
 EDP No. 806074

AC Adapter
AD24-ITI9-EX

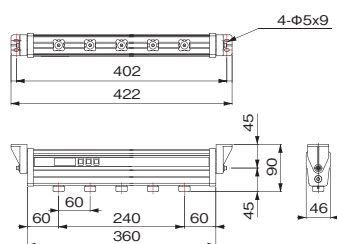
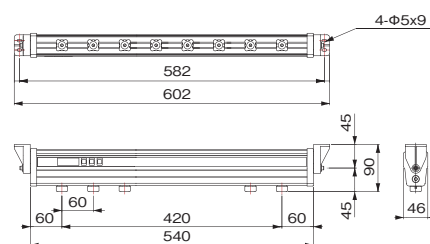
(Operatable with Three Bar type IONIZERS only)
 I / P : AC100V~240V 1.2A
 O / P : DC24V 1.9A
 EDP No. 806080

Remote Control
RMC-01

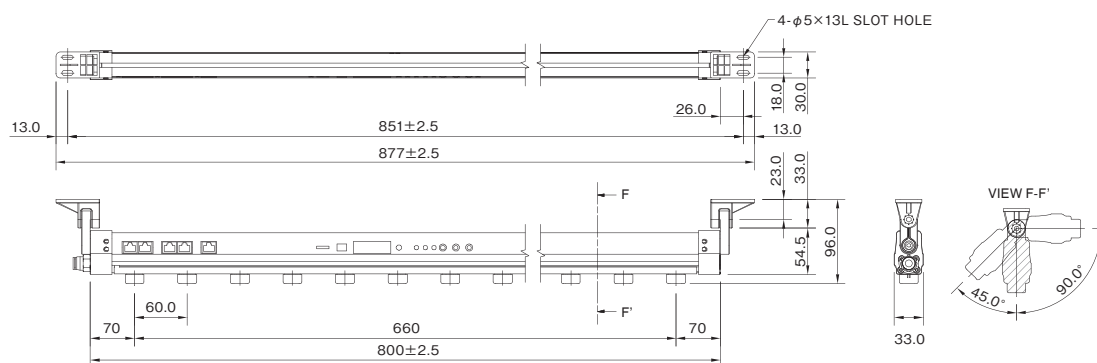
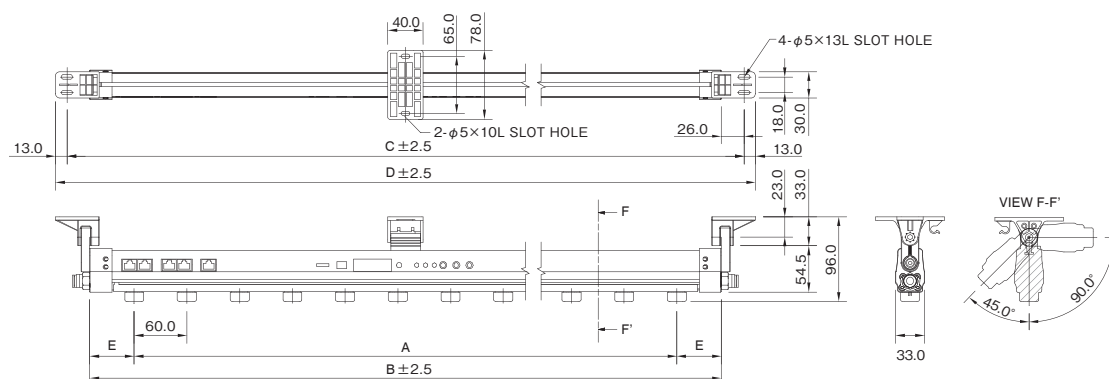
EDP No. 806104

Power Supply Cable (5m)
For AC adapter
CT-5

EDP No.621709

C-40**C-60**

(Unit:mm)

C-90**C-100, 120, 150, 170, 200, 220, 250, 270, 300****Dimension / Electrode needles / Middle Bracket**

Model.No	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Electrode needles	Middle Bracket	Weight (kg)
C-40	240	360	402	422	60	5 pcs	—	0.78
C-60	420	540	582	602	60	8 pcs	—	1.08
C-90	660	800	851	877	70	12 pcs	—	0.9
C-100	900	1001	1052	1078	50.5	16 pcs	1 pc	1.0
C-120	1140	1241	1292	1318	50.5	20 pcs	1 pc	1.2
C-150	1380	1481	1532	1558	50.5	24 pcs	1 pc	1.4
C-170	1620	1721	1772	1798	50.5	28 pcs	2 pcs	1.6
C-200	1860	1961	2012	2038	50.5	32 pcs	2 pcs	1.8
C-220	2100	2201	2252	2278	50.5	36 pcs	2 pcs	2.3
C-250	2340	2441	2492	2518	50.5	40 pcs	3 pcs	2.6
C-270	2580	2681	2732	2758	50.5	44 pcs	3 pcs	2.8
C-300	2820	2921	2972	2998	50.5	48 pcs	3 pcs	3.1

Pulse Ratio

The ion balance can be adjusted by changing the pulse ratio.

Address

When using multiple units, an address allocation (1 to 16) can be set to identify each device.

Voltage Level

The applied voltage can be changed individually for the positive and Film negative side. The amount of ions can be changed by different output steps. (Ten steps: 8.0 to 12.5 kVp-p)

Voltage level	1	2	3	4	5	6	7	8	9	10
Positive voltage (kV)	4	4.25	4.5	4.75	5	5.25	5.5	5.75	6	6.25
Negative voltage (kV)	4	4.25	4.5	4.75	5	5.25	5.5	5.75	6	6.25
kV p-p	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5

Slim & High-speed Neutralization.
Compact bar type ionizer with separate power supply for easy installation.

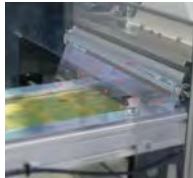
SH-series

NEW



Flexible silicone sheath cable adopted

Air purging functions



SH-16 EDP No. 621541
SH-20 EDP No. 621542
SH-30 EDP No. 621543
SH-40 EDP No. 621544
SH-50 EDP No. 621545
SH-60 EDP No. 621546
SH-70 EDP No. 621547

High Voltage Transformer
Pulse AC
corona discharge

Ion balance
within ± 50 V (measured 1000 mm)

Directive
CE RoHS

Power supply
DC 24V
 $\pm 5\%$

Air Pressure
max 0.3MPa

Positive
and
negative ion

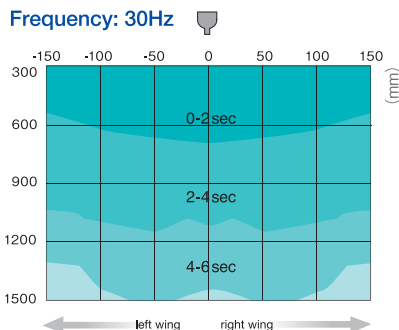
Adjustable
Ion
Balance

- ▶ Air purging functions.
- ▶ Safe Design. Flexible silicone sheath cable.
- ▶ Up to three bars can be branched and wired using the branch box (SH-SP2).

Common Specifications

Model No.	SH-16~SH-70
Ionizing method/Applied voltage	Pulse AC Corona discharge / AC10.5kV (p-p)
frequency	30Hz
pulse ratio	Positive ion 40 to 70 %, negative ion 60 to 30%
Power supply and current consumption	AC100V~AC240V / 10W (SH-G3)
Ion balance	within ± 50 V (Distance 1000mm)
Decay time	See below
Operating range	50 to 2000mm
HxWxDmm	Refer to the figure on the right
Weight	Refer to the figure on the right
Air supply hose diameter	tube fitting $\Phi 6$ mm
Operating fluid	Clean dry air or nitrogen (N ₂) (0.5 MPa or less)
Ozone production	0.05ppm or less
Operating environment temperature and humidity	5°C to 55°C/25% to 85% RH (with no dew condensation or freezing)
Accessories	High-voltage cable 2.3m (included with device)

Decay area Measurement conditions ·Product : SH-50 ·Air pressure : 0.3MPa



Options



branch box
SH-SP2
EDP No. 621552



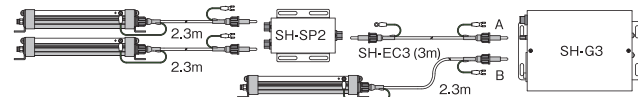
Relay Cable (3m)
SH-EC3
EDP No. 621553

Relay Cable (5m)
SH-EC5
EDP No. 621554

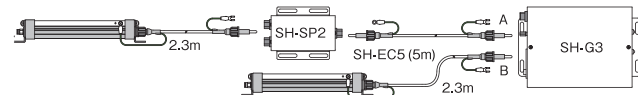
Wiring example

Connecting 1 or 3 pulse ionizing bars to the power supply unit

Using an SH-SP2 branch box and SH-EC3 relay cable

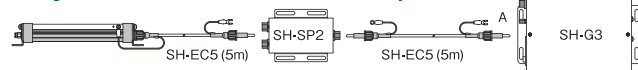


Using an SH-SP2 branch box and SH-EC5 relay cable



Power cable:CT-5

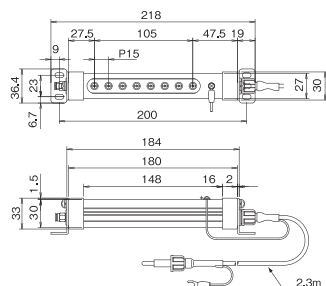
Using an SH-SP2 branch box and SH-EC3 relay cable



*Power supply cable (relay cable) length cannot exceed a total of 10 m to the two high-voltage sockets (A, B).
*Up to three SH bars can be connected from a single power supply unit (SH-G3).

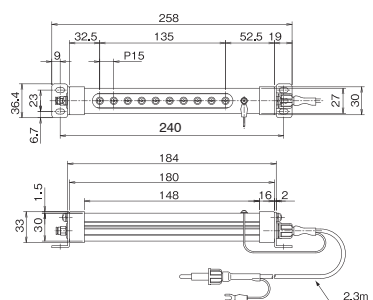
SH-16

Electrode needles : 8 pcs.
Weight : 0.36kg



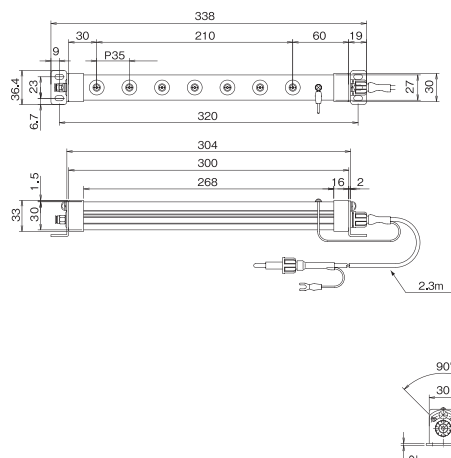
SH-20

Electrode needles : 10 pcs.
Weight : 0.40kg



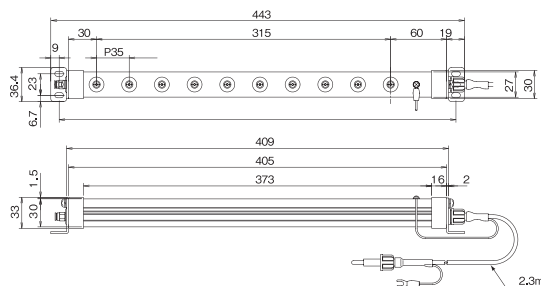
SH-30

Electrode needles : 7 pcs.
Weight : 0.42kg



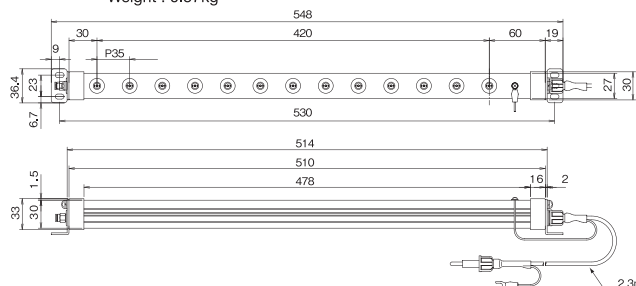
SH-40

Electrode needles : 10 pcs.
Weight : 0.50kg



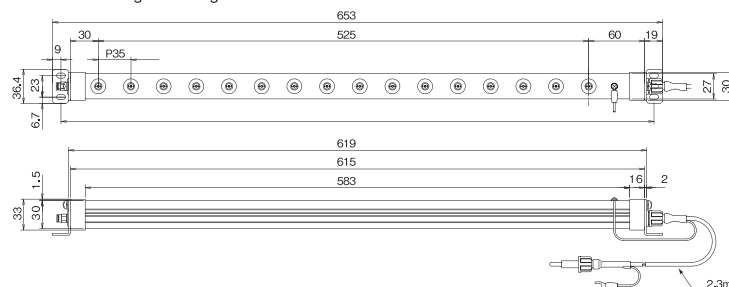
SH-50

Electrode needles : 13 pcs.
Weight : 0.57kg



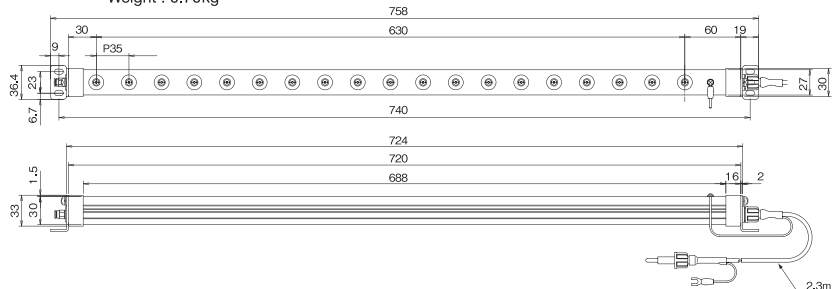
SH-60

Electrode needles : 16 pcs.
Weight : 0.63kg



SH-70

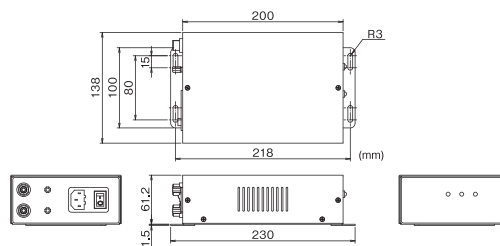
Electrode needles : 19 pcs.
Weight : 0.70kg



Power supply units

Power supply units supporting 100 to 240 VAC

SH-G3



Specifications

Model No.	SH-G3
HxWxDmm	L230xW138xH62.7mm
Power supply and current consumption	AC100V~AC240V / 10W (SH-G3)
Weight	1.5kg
Accessories	AC power cable 1.8m (for 100 VAC and 240 VAC input) 2 cables

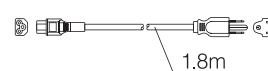
EDP No. 621555

Directive

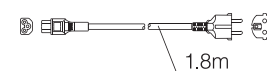


AC power cable

For AC100V



For AC200V





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

Forcibly collecting blown dust with dust collector

Maintain a clean environment by using air blow to remove foreign matter from pre-assembly parts, and prevent dust from scattering around the area.



3

Capture dust with self-adhesive urethane gel

The urethane gel's adhesive surface catches any dust blown away by the ionized air blow. The washable gel sheet can be used repeatedly.



Ion Parts Cleaner



IPC-A4

Ideal A4 size for cell workbenches



IPC-A3 **NEW**

Ideal A3 size for cell workbenches



IPC20-E

Integrated ionizer and dust collector



IPC40-E

Separated hood and dust collector



IPC-60

600mm wide hood for large workpieces

Ion Parts Cleaner

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

IPC-A4

Eco-friendly product

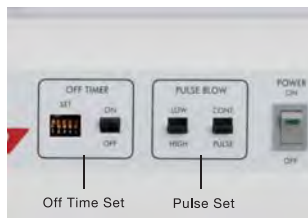
EDP No. 621610

Sensor	Air blow	Off delay timer	Directive
Diffused reflection type	Continuous/pulse blow selection	1 to 30 seconds (5 steps)	CE RoHS
Power supply DC24V	Air Pressure max 0.5MPa	Ionizer N-1×1pcs	Pinpoint L-shape corner nozzle×1pcs
AC adapter 100 to 240 V	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/AC 10kV
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 (0.1MPa to 0.5MPa)
Airflow	187 ℓ /min (0.3MPa)
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 AD24-T19-EX Pinpoint L-shape corner nozzle×1pc Adhesive gel sheet plate (included with device)×2pcs

Replacement parts



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



Electrode needle (1pc)
GN-H
EDP No. 806122

Ion Parts Cleaner

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

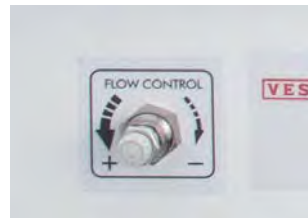
IPC-A3

Eco-friendly product

EDP No. 621612

Sensor	Air blow	Off delay timer	Directive
Diffused reflection type	Continuous/pulse blow selection	1 to 30 seconds (5 steps)	CE RoHS
Power supply DC24V	Air Pressure max 0.7MPa	Ionizer N-1×2pcs	Pinpoint L-shape corner nozzle×2pcs
AC adapter 100 to 240 V	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 Relaceable

Specifications

Model No.	IPC-A3
Ionizing method/Applied voltage	Piezoelectric high-frequency AC corona discharge/AC 10kV
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 Φ 10mm
Operating fluid	Clean dry air (0.1MPa to 0.7MPa)
Airflow	333 ℓ /min (0.3MPa)
Ozone production	0.05ppm or less (measured 50mm)
Operating environment temperature and humidity	0°C to 40°C/20% to 80% RH (with no dew condensation or freezing)
Accessories	AC adapter AD24-T19-EX Pinpoint L-shape corner nozzle×1pc Adhesive gel sheet plate (included with device)×2pcs Duct flange (for φ 75mm) Paper pack filter (6pc.)

Replacement parts



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



Electrode needle (1pc)
GN-H
EDP No. 806122

Paper pack filter (6pc.)
IPC-A3F

Ion Parts Cleaner

Compact, integrated design is ideal for use in a cell production setting or confined space

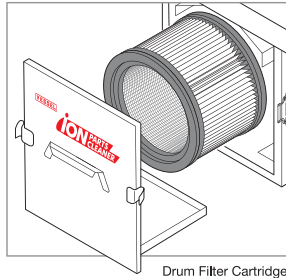
IPC20-E



EDP No. 621379

Sensor	Air blow	Off delay timer	Directive
Diffused reflection type	Continuous	3sec (0.1 to 5 sec)	CE RoHS
Power supply AC100V	Air Pressure max 0.7MPa	Ionizer F-6x1pc	Air Nozzle 2pcs
		Thermal protector	Medium-efficiency filter
			Integrated hood/dust collector

- ▶ Workpiece is detected with sensor, and dust eliminating air is sprayed.
- ▶ Cylindrical cartridge type medium-efficiency filter incorporated.
- ▶ Compact fan ionizer is ideal for spaces with no static inside the hood.



Drum Filter Cartridge

Specifications

Model No.	IPC20-E
Ionizing method/Applied voltage	Piezoelectric high-frequency AC corona discharge/AC 3.5kV
Power supply	AC230V (50/60Hz)
Current consumption	0.42A (50Hz)/0.4A (60Hz)
Dust collection airflow	1.6 m³/min (50Hz)/2.0 m³/min (60Hz)
Static pressure	0.35kPa (50Hz)/0.50kPa (60Hz)
Table surface controlled air speed	0.8 m/sec (50Hz)/1.0 m/sec (60Hz)
Dust collection volume	0.5 L
Dust collector output	50W
Dust collection filter	Medium-efficiency filter (Cylindrical cartridge filter)
HxWxDmm	H682xW358xD385mm
Weight	21kg
Air supply hose diameter	tube fitting Φ6mm
Operating fluid	Clean dry air (0.4MPa to 0.7MPa)
Airflow	355ℓ/min (0.7MPa)
Noise level	56dBA (50Hz)/58dBA (60Hz)
Ozone production	0.05ppm or less (measured 50mm)
Operating environment temperature and humidity	0°C to 40°C/20% to 80% RH (with no dew condensation or freezing)
Accessories	Plastic adjusting screwdriver for sensor, hazardous use prohibited display sheet

Ion Parts Cleaner

Separate type features a dust collector and standalone hood to make effective use of limited space

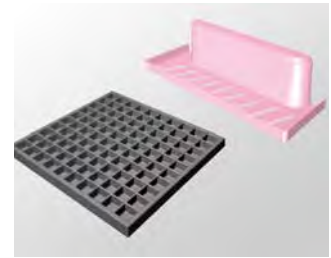
IPC40-E



EDP No. 621380

Sensor	Air blow	Off delay timer	Directive
Retroreflective	Continuous	3sec (0.1 to 5 sec)	CE RoHS
Power supply AC100V	Air Pressure max 0.7MPa	Ionizer F-6x1pc	Air Nozzle 2pcs
		Thermal protector	Medium-efficiency filter
			Separate hood/dust collector

- ▶ Flexible nozzle enables pinpoint dust removal from workplaces.
- ▶ Cylindrical cartridge type medium-efficiency filter incorporated.
- ▶ Compact fan ionizer is ideal for spaces with no static inside the hood.



Specifications

Model No.	IPC40-E
Ionizing method/Applied voltage	Piezoelectric high-frequency AC corona discharge/AC 3.5kV
Power supply	AC230V (50/60Hz)
Current consumption	1.2A (50Hz)/1.4A (60Hz)
Dust collection airflow	3.3 m³/min (50Hz)/4.0 m³/min (60Hz)
Static pressure	0.88kPa (50Hz)/1.23kPa (60Hz)
Table surface controlled air speed	0.4 m/sec (50Hz)/0.5 m/sec (60Hz)
Dust collection volume	1.2L
Dust collector output	200 W
Dust collection filter	Medium-efficiency filter (Cylindrical cartridge filter)
HxWxDmm	Hood:H400xW518xD462mm/dust collector:H416xW481xD354mm
Weight	Hood:12kg./dust collector:30kg
Air supply hose diameter	tube fitting Φ6mm
Operating fluid	Clean dry air (0.4MPa to 0.7MPa)
Airflow	355ℓ/min (0.7MPa)
Noise level	62dBA (50Hz)/65dBA (60Hz)
Ozone production	0.05ppm or less (measured 50mm)
Operating environment temperature and humidity	0°C to 40°C/20% to 80% RH (with no dew condensation or freezing)
Accessories	Plastic adjusting screwdriver for sensor, hazardous use prohibited display sheet

Ion Parts Cleaner

Featuring a wide 600 mm hood capable
of accommodating large work

IPC-60



EDP No. 621607

Sensor	Air blow	Off delay timer	Directive
Retroreflective	Continuous	3sec (0.1 to 5 sec)	RoHS
Power supply AC100V	Air Pressure max 0.7MPa	Ionizer F-6x1pc	Air Nozzle 2pcs
		Thermal protector	Medium- efficiency filter
			Separate hood/dust collector

- Flexible nozzle enables pinpoint dust removal from workplaces.
- Cylindrical cartridge type medium-efficiency filter incorporated.
- Compact fan ionizer is ideal for spaces with no static inside the hood.



Specifications

Model No.	IPC-60
Ionizing method/Applied voltage	Piezoelectric high-frequency AC corona discharge/AC 3.5kV
Power supply	AC100V±5% (50/60Hz)
Current consumption	3.0A (50Hz)/3.0A (60Hz)
Dust collection airflow	3.3 m³/min (50Hz)/4.0 m³/min (60Hz)
Static pressure	0.88kPa (50Hz)/1.23kPa (60Hz)
Table surface controlled air speed	0.4 m/sec (50Hz)/0.5 m/sec (60Hz)
Dust collection volume	1.2L
Dust collector output	200 W
Dust collection filter	Medium-efficiency filter (Cylindrical cartridge filter)
HxWxDmm	Hood:H400xW668xD462mm/dust collector:H416xW481xD354mm
Weight	Hood:147kg/dust collector:30kg
Air supply hose diameter	tube fitting Φ6mm
Operating fluid	Clean dry air (0.4MPa to 0.7MPa)
Airflow	355ℓ/min (0.7MPa)
Noise level	62dBA (50Hz)/65dBA (60Hz)
Ozone production	0.05ppm or less (measured 50mm)
Operating environment temperature and humidity	0°C to 40°C/20% to 80% RH (with no dew condensation or freezing)
Accessories	Plastic adjusting screwdriver for sensor, hazardous use prohibited display sheet