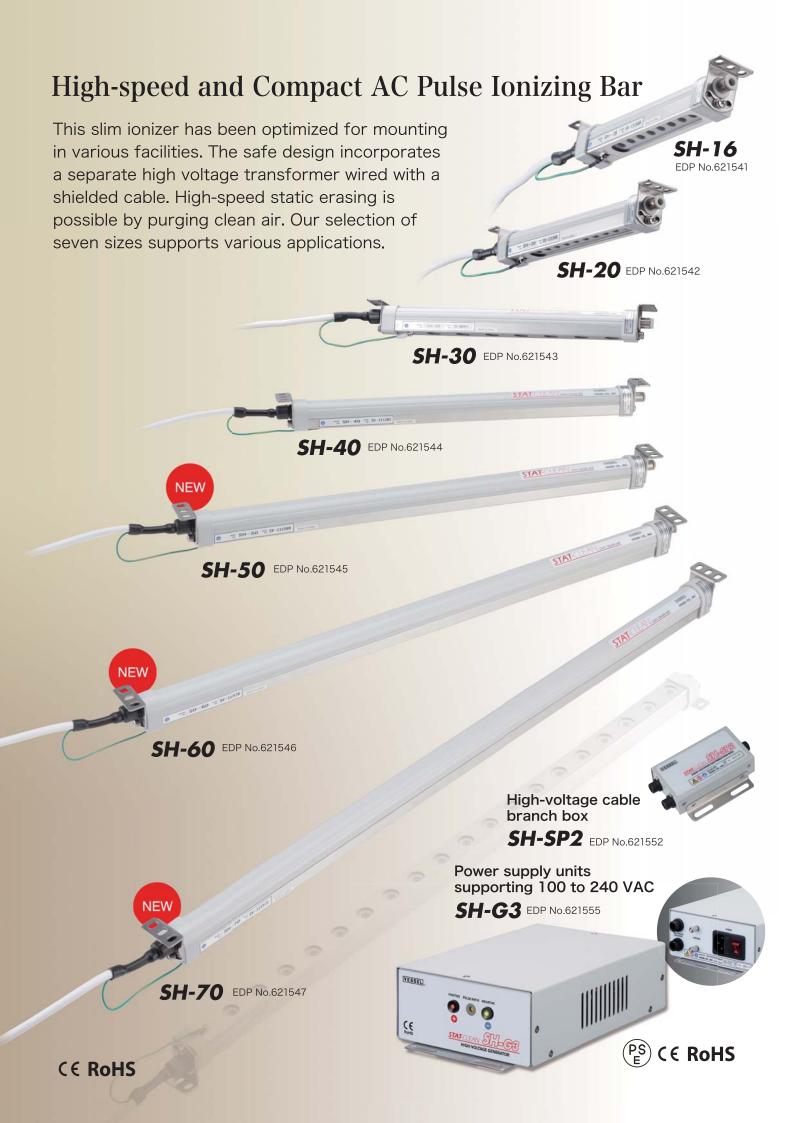


Slim & High-speed Neutralization

Compact bar type ionizer with separate power supply for easy installation



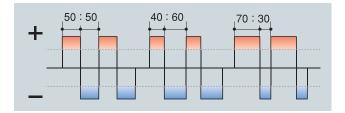
STATICLEAN SH-series Ion Bar



High-speed Static Electricity Removal

Ion balance setting function...

The AC pulse method which alternately generates positive ions and negative ions has been adopted. The ion balance can be maintained at the optimum state by adjusting the pulse ratio.



Air purging functions...

Adherence of particles onto the tip of the needle electrode is prevented by purging air toward the needle tip. This also assists to quickly emit ions which are newly generated.



Safe Design

Flexible silicone sheath cable adopted...

This cable cuts noises from the main unit and prevents other devices from being affected. The flexible cable is perfect for wiring to systems.



Easy fuse replacement...

The fuse box is located on the back of the power supply unit.

SH series primary specifications

opeomodicine	
Model No.	SH-16/20/30/40/50/60/70
Ionizing method	Pulse AC Corona discharge
Applied voltage	10.5kVp-p
Ion balance	Within ± 10 V
Air supply hose diameter	Hose ϕ 6 mm ID $ imes$ ϕ 4 mm OD
Air supply	Clean dry air or nitrogen (N2) (0.5 MPa on below)
Operating temperature	5 °C to 55 °C, 25 % to 85 %RH
and humidity	(with no dew condensation or freezing)
Operating range	Approx. 50 mm to 2,000 mm
	(air assist recommended for relatively longer distance)
Ozone production	0.005 ppm or less
Material	Body / Flame-resistant ABS resin + SUS-304
	Electrode needle: Tungsten (W,99.99%)
Accessories	High-voltage cable

Convenient

Detachable cable...

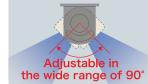
The detachable cable makes it easy to replace only the bar unit even after installation.

Slim..

Installation footprint is reduced by adopting a high-power supply unit.

Brackets...

Enabling to finely adjust the installation position.



SH-G3 specifications

Input power supply	100 to 240 VAC, 50/60Hz
Power consumption	10W
Frequency	30Hz, fixed
Pulse ratio	Positive range40% to 70%. Negative range60% to 30%
AC power cable	2 cables (for 100 VAC and 240 VAC input) 1.8m

Options

SH-EC3 Relay Cable (3m)

EDP.No. 632553

SH-EC5 Relay Cable (5m)

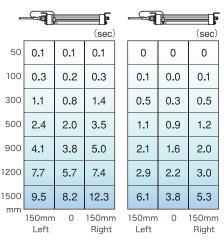
EDP.No. 632554



Wiring examples Example of branch box and relay cable wiring Connecting 2 or 3 pulse ionizing bars to the power supply unit Using an SH-SP2 branch box and SH-EC3 relay cable **SH-EC3**(3m) SH-G3 2.3m В 2.3m ●Using an SH-SP2 branch box and SH-EC5 relay cable SH-G3 **SH-EC5**(5m) 2.3m Using an SH-SP2 branch box and SH-EC5 relay cable SH-G3 **SH-EC5**(5m) *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).

Static erasing performance



Air pressure: 0.1MPa Airflow: 92 ℓ /min Air pressure: 0.3MPa Airflow: 257 \(\ell \) /min

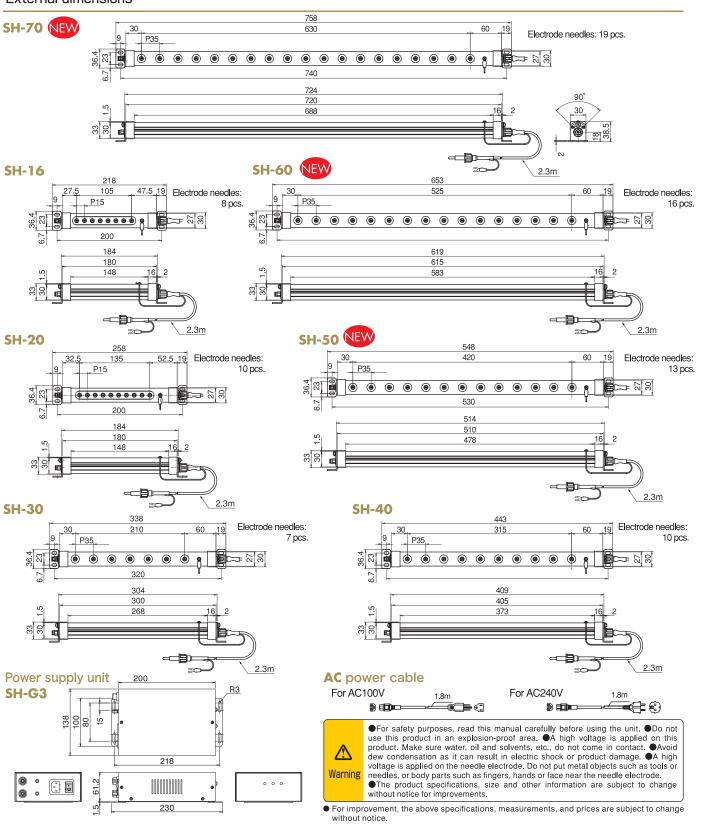
Measured with: SH-40
CPM: 20pF 150×150mm







External dimensions



17-25, Fukae-Kita 2-chome, Higashinari-ku, Osaka 537-0001 JAPAN Tel : +81(0)6 6976 7778 Fax : +81(0)6 6972 9441

E-mail: export@vessel.co.jp URL: http://www.vessel.co.jp/english/

VESSEL EUROPE6, avenue du 1er Mai, ZAE Les Glaises, 91120 Palaiseau FRANCE
Tel: +33(0)1 69 19 17 42 Fax: +33(0)1 69 19 42 20