



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



EC-G SERIES

Related Information

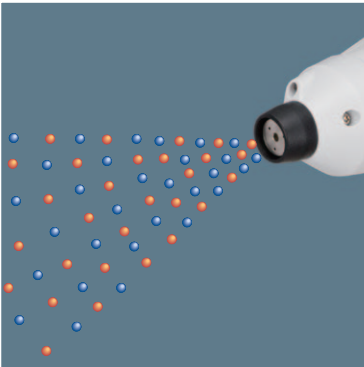
- General terms and conditions..... F-17
- Selection guide P.1075~
- Glossary of terms..... P.1401
- General precautions P.1405



panasonic-electric-works.net/sunx

Air-gun type ionizer that can remove dust in a single burst using pulsed air

Direct ionized air emission



Direct emission of ionized air removes electrification on charged object swiftly.

Pulse ionized air



Instant pulse air emission with high air pressure removes dust all at once.

White LED illumination



The white LED illuminates on the target object.


- FIBER SENSORS
- LASER SENSORS
- PHOTOELECTRIC SENSORS
- MICRO PHOTOELECTRIC SENSORS
- AREA SENSORS
- LIGHT CURTAINS
- PRESSURE / FLOW SENSORS
- INDUCTIVE PROXIMITY SENSORS
- PARTICULAR USE SENSORS
- SENSOR OPTIONS
- SIMPLE WIRE-SAVING UNITS
- WIRE-SAVING SYSTEMS
- MEASUREMENT SENSORS

STATIC CONTROL DEVICES

- ENDOSCOPE
- LASER MARKERS
- PLC / TERMINALS
- HUMAN MACHINE INTERFACES
- ENERGY CONSUMPTION VISUALIZATION COMPONENTS
- FA COMPONENTS
- MACHINE VISION SYSTEMS
- UV CURING SYSTEMS

- Selection Guide
- Static Removers
- Cleaning Box
- Pulse Air-gun
- Electrostatic Sensor

ORDER GUIDE

Type	Appearance	Charge removal time (±1,000 V → ±100 V)	Model No.
Gun type		0.5 sec. approx. (Note)	EC-G01

Note: Typical value for pulse air mode: CONT at 100 mm **3.937 in** from the front of discharge nozzle at an applied air pressure of 0.50 MPa.

SPECIFICATIONS

Type	Gun type
Item Model No.	EC-G01
Charge removal time (±1,000 V → ±100 V)	Approx. 0.5 sec. or less (Note 1)
Applicable fluid	Air (dried clean air) (Note 2)
Supplied air flow	Max. 300 ℓ/min. (ANR) or less
Air pressure range	0.05 to 0.50 MPa
Power supply voltage	Accessory AC adapter INPUT: 100 to 240 V AC ±10 % 50/60 Hz (OUTPUT: 24 V DC)
Power consumption	30 VA or less
Discharge method	High-frequency AC-method
Pulse air mode	Pulse 1 (long) / Pulse 2 (short) / CONT (continuous) selectable by switch
LED illumination mode	ON (always ON) / SYNC (synchronized with trigger) / OFF (always OFF)
Weight	270 g approx. (main unit only)

Notes: 1) Typical value for pulse air mode: CONT at 100 mm **3.937 in** from the front of discharge nozzle at an applied air pressure of 0.50 MPa.

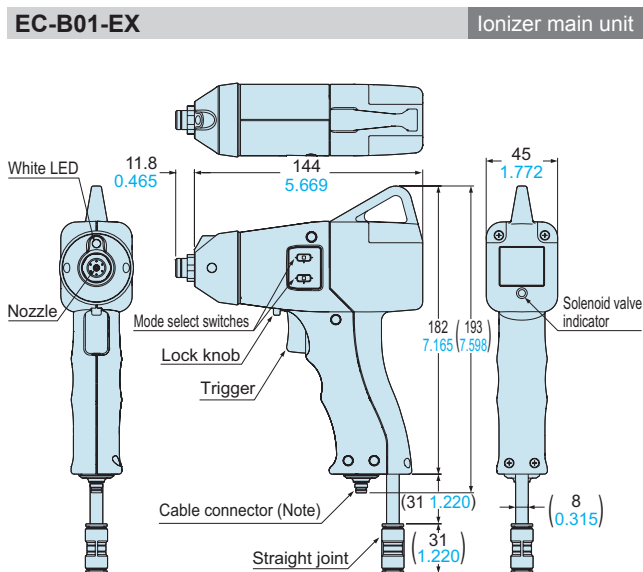
2) Dried clean air is the air passing through air dryer (dew point -20 °C -4 °F approx.) and air filter (mesh size 0.01 μm **0.0004 mil** approx.)

PRECAUTIONS FOR PROPER USE

- This product includes precision components, so do not drop it or hit it against other objects. If this is not observed, accidents or problems with operation may occur.
- Never use this product in a device for personnel protection.
- Do not use this product in places where there may be danger of flammable or combustible items being present.
- High voltages are applied to the discharge needle, so never touch the discharge needle while the power for the product is turned on, otherwise electric shocks may result.
- Since the tip of the discharge needle is sharp, take sufficient care in handling the discharge needle, or injuries may result.
- If this product is used in an airtight room, ozone emitted from this product may be detrimental. Therefore, in order for this product to be used in an airtight room, be sure to keep the room ventilated.
- Do not direct ionized air toward the face. Ozone may cause irritation to places such as the nose and throat.
- Do not look directly into the white LED spotlight. It may cause injury to the eyes.

**DIMENSIONS (Unit: mm in)**

The CAD data in the dimensions can be downloaded from our website.



Note: An exclusive intermediate cable (oil-resistant, heat-resistant, flexible type, ø3.7 mm **ø0.146 in**, 2 m **6.562 ft** long) is attached.

FIBER SENSORS

LASER SENSORS

PHOTO-ELECTRIC SENSORS

MICRO PHOTO-ELECTRIC SENSORS

AREA SENSORS

LIGHT CURTAINS

PRESSURE / FLOW SENSORS

INDUCTIVE PROXIMITY SENSORS

PARTICULAR USE SENSORS

SENSOR OPTIONS

SIMPLE WIRE-SAVING UNITS

WIRE-SAVING SYSTEMS

MEASUREMENT SENSORS

STATIC CONTROL DEVICES

ENDOSCOPE

LASER MARKERS

PLC / TERMINALS

HUMAN MACHINE INTERFACES

ENERGY CONSUMPTION VISUALIZATION COMPONENTS

FA COMPONENTS

MACHINE VISION SYSTEMS

UV CURING SYSTEMS

Selection Guide

Static Removers

Cleaning Box

Pulse Air-gun

Electrostatic Sensor

EC-G