

Product of Japan

VESSEL

your solution partner

LIGHT WEIGHT High Power Ion Blow ! **with LIGHT BEAM**



Easy Handling Design for Better Solution!

- Ergonomic Handle(Grip Angle and Hand Glove Fitting.)
- Could see the dust with the light LED Beam.
- Resin Made Main Body, compact and Light weight.
- Quick Connecting with 6mm dia Tube Air Inlet.
- 150,000 cycle tested Robotic Cable adopted.

STAT.CLEAN
STATIC ELIMINATION ION/BEAM GUN

G7-E

(EDP No.621371)

Exclusive Design for the Safety and Easy Maintenance !

- Safe Design with Power Transformer built-in.
- Quick Change of Discharge Needle for Easy Cleaning.
- Warning Lamp lighted when Irregularity happened.
- Low Noise disturbance won't affect any other electronic devices with surge function installed.
- High Voltage Output area has the function of anti Short Break immediate after overloaded.

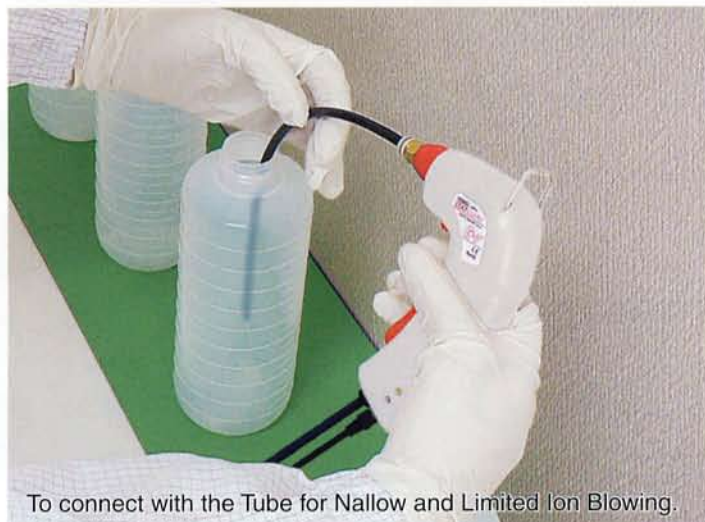
Unique Extra Advantage



Simultaneous Brushing/
Blowing in most efficiency.



Check the small points with LED Beam Light.



To connect with the Tube for Nallow and Limited Ion Blowing.

Standard Nozzle



STAT-CLEAN **G7-E**

STANDARD ACCESSORIES

• Instruction Manual



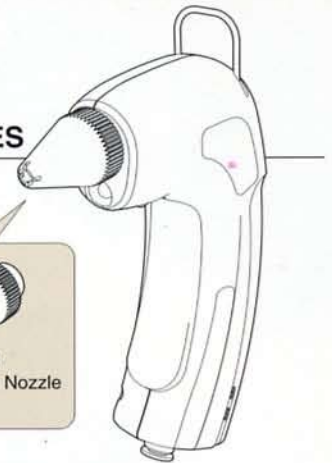
•G-7TN
Concent Nozzle



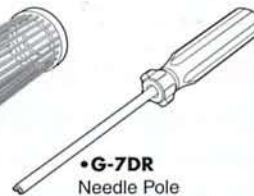
•G-7H
Needle Pole
Electrode



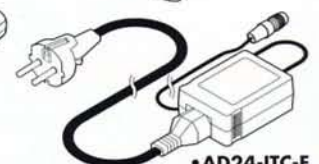
•G-7SN
Standard Nozzle



•G-7B
Brush



•G-7DR
Needle Pole
Replacement Changer



•AD24-ITC-E
Transformer
Robotic Cable
(AC Adapter)

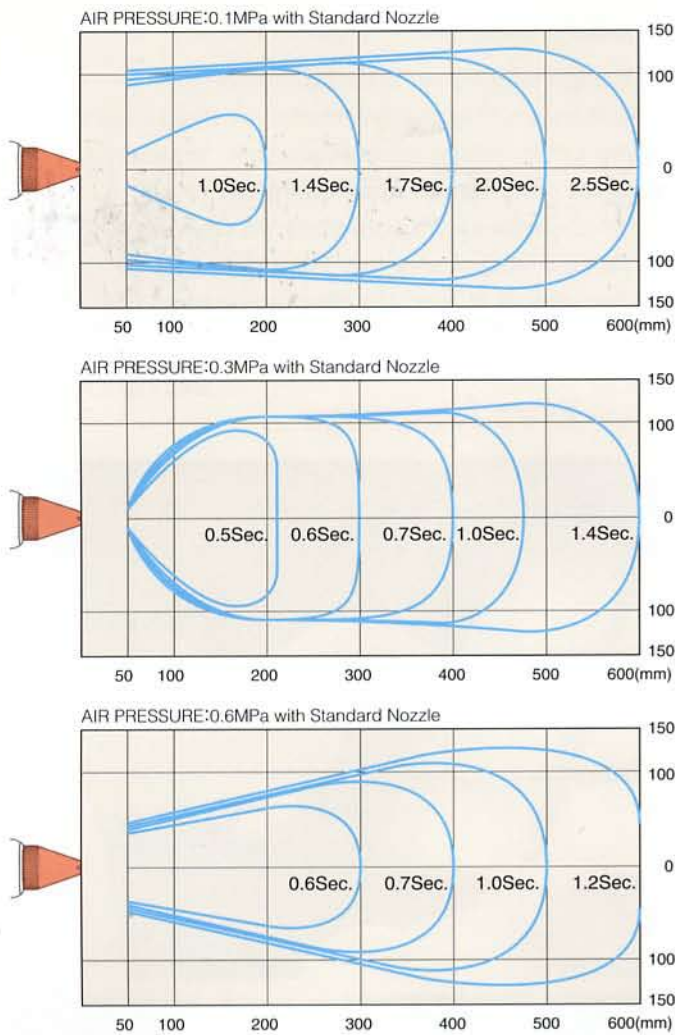
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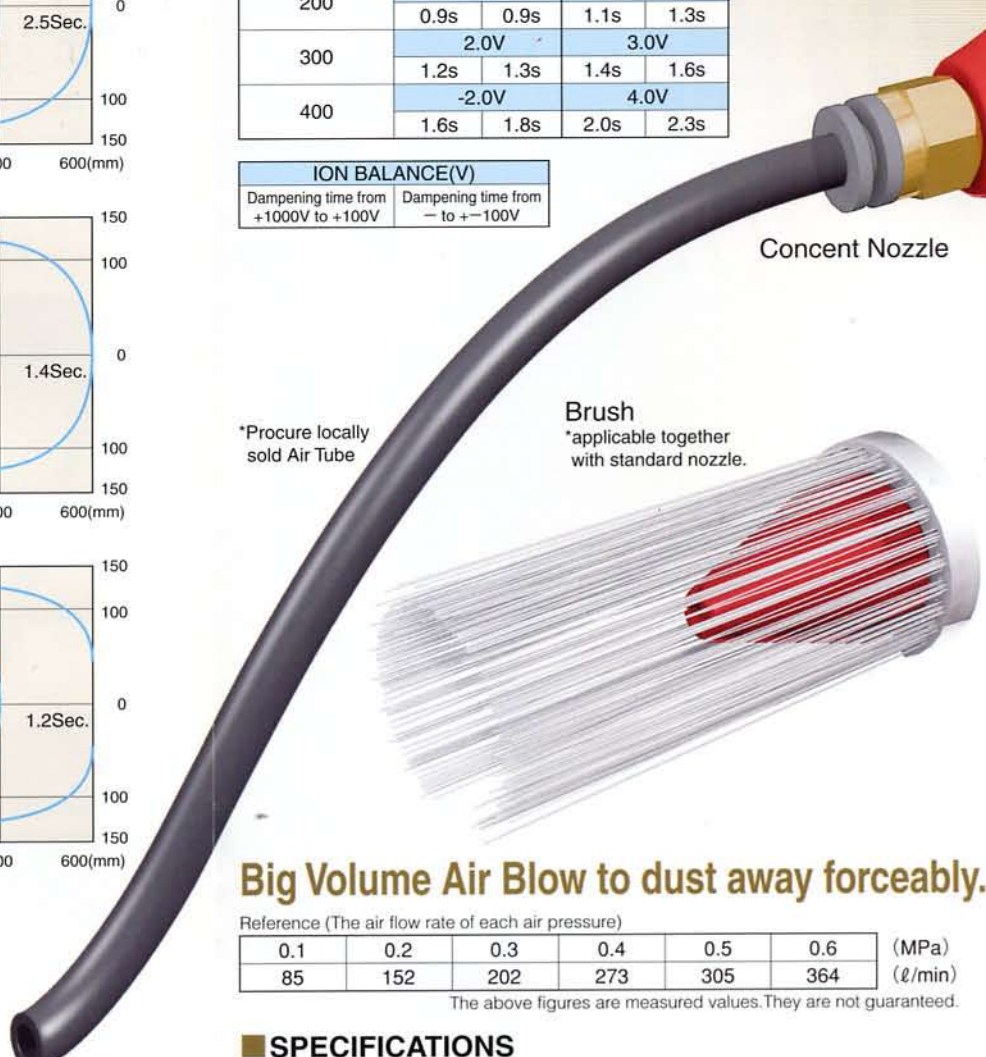
High Wave Voltage Piezo sends Efficient Ion Blow to Reach!



Reference(Each Length of Tube Mounted)Scaled Air Pressure:0.6MPa

Air Hose Length (mm)	Distance from G7-E to C.P.M (mm)			
	150		300	
100	-5.0V	0.7s	-5.0V	0.9s
	0.7s	0.8s	0.8s	0.9s
200	3.0V	0.9s	-4.0V	1.3s
	0.9s	0.9s	1.1s	1.3s
300	2.0V	1.3s	3.0V	1.6s
	1.2s	1.3s	1.4s	1.6s
400	-2.0V	1.8s	4.0V	2.3s
	1.6s	1.8s	2.0s	2.3s

ION BALANCE(V)	
Dampening time from +1000V to +100V	Dampening time from - to +100V



Concent Nozzle

Brush

*applicable together with standard nozzle.

*Procure locally sold Air Tube

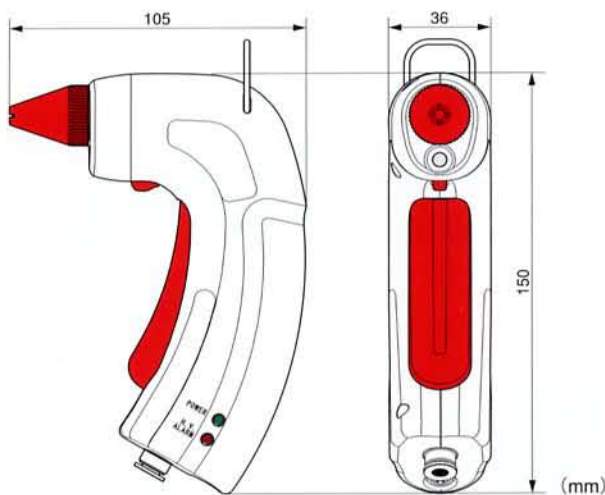
Big Volume Air Blow to dust away forcefully.

Reference (The air flow rate of each air pressure)

0.1	0.2	0.3	0.4	0.5	0.6	(MPa)
85	152	202	273	305	364	(ℓ/min)

The above figures are measured values.They are not guaranteed.

DIMENSIONS



SPECIFICATIONS

No.	G7-E
INPUT VOLTAGE	DC24V ±5%
POWER CONSUMPTION	74mA(typ.) (Lighting up state)
PERFORMANCE	Refer to the following
ION BALANCE	Within ±10V(Test value : at 0.3MPa and 150mm)
AIR PRESSURE	0.1~0.6MPa
DIMENSIONS	W105×H150×D36mm(Standard Nozzle Mounted)
WEIGHT	198g
POWER LED	Green φ3×2
H.V. ALARM LED	Red φ3×2
WARNING OUT PUT	High Voltage Alarm(Red LED)
LIGHT	LED φ5
MATERIAL	Casing,Trigger,Light Switch :ABS(Heat-resistant) Needle Pole : Tungsten Nozzle, Support Material : ABS(with glass fiber)
WORKING TEMPERATURE RANGE	5~40°C 35~ 65%RH(NO DEWING)
WORKING HUMIDITY RANGE	0~60°C 35~85%RH(NO DEWING)
TRANSFORMER ROBOTIC CABLE (AC Adapter)	RATED INPUT VOLTAGE:AC100~240V(50~60Hz)0.4V RATED OUTPUT VOLTAGE:DC24V 0.75A DC INPUT CABLE:2.5m AC OUTPUT CABLE:1.8m
AD24-ITC	

REPLACEABLE PARTS

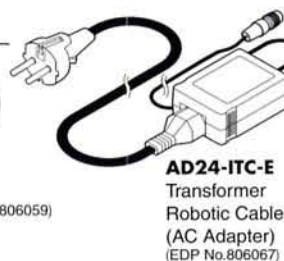


G-7H
Needle Pole Electrode
(EDP No. 806056)

G-75N
Standard Nozzle
(EDP No.806057)

G-7TN
Concent Nozzle
(EDP No.806058)

G-7B
Brush
(EDP No.806059)



AD24-ITC-E
Transformer Robotic Cable (AC Adapter)
(EDP No.806067)



G-7DR
Needle Pole Replacement Changer
(EDP No.806061)

OPTION PARTS



G-75C
Speed Controller
(EDP No.621373)