

Creceed *ION WIPER*

Removing static electricity & Dust, and Dust collection

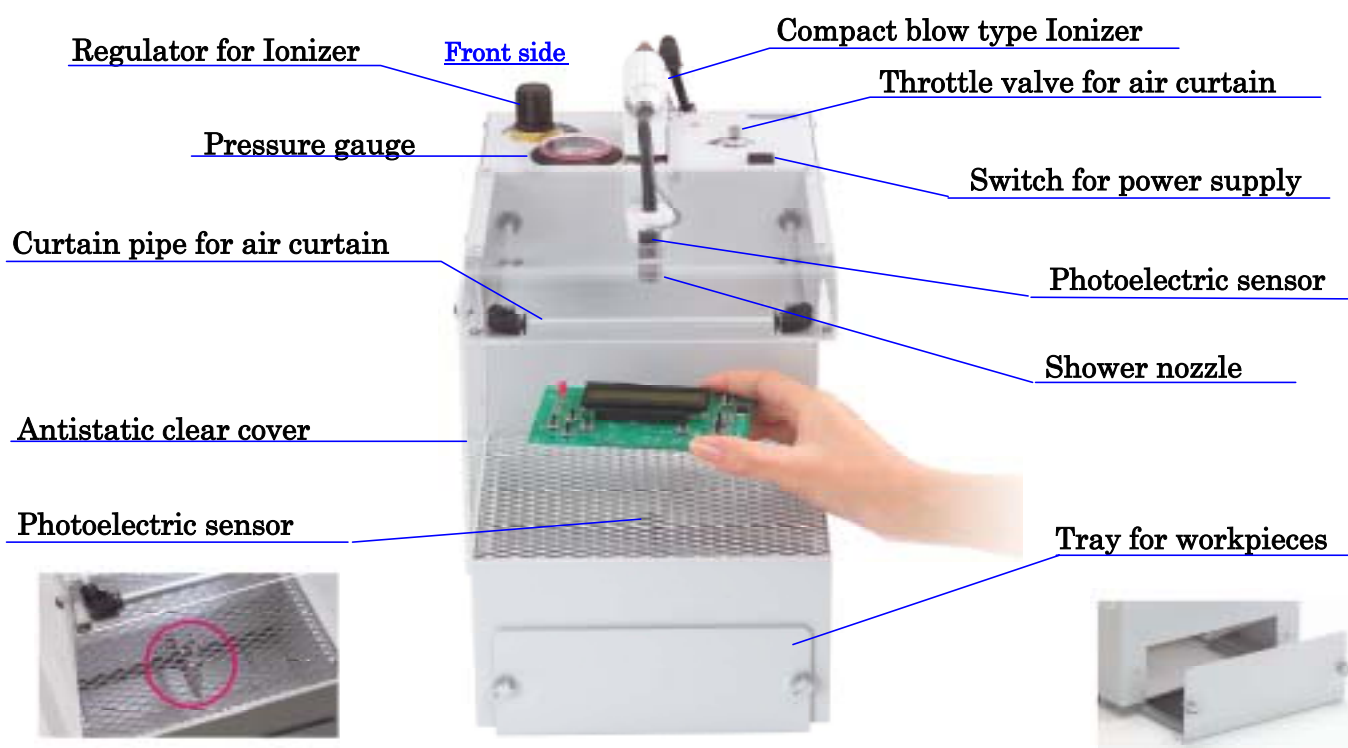
Air curtain prevents dust spreading after ion blowing.
ION WIPER makes clean condition where necessary.

Ion Balance

$\pm 15V$

Decay Time

$\pm 1000V \rightarrow \pm 100V$ 1 sec

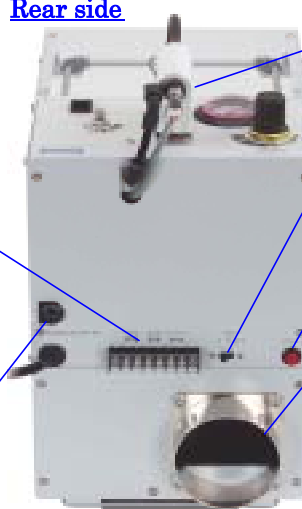


Output terminal

- 1, ERROR (Emergency stop)
- 2, ION END
(Stop Ionizer's operation)
- 3, VAC START
(External equipment operation)

Air IN port (Φ 8 Quick fitting)

Rear side



Throttle valve for Ionizer

Switch for selecting operation time

Reset button

Exhaust duct

Exhaust for dust collection.
Outer diameter port size is Φ76.3
(Recommended exhaust hose size: Φ75)

*With blower fan for dust collection

A4 type: DTY-WCM-S, A3 type: DTY-WCM-L

*Without blower fan for dust collection

A4 type: DTY-WC-S, A3 type: DTY-WC-L

ION WIPER Operation step



When the workpiece puts in, each function operates automatically by turn.

1.Put workpiece into ION WIPER
- Fan for vacuum starts



2.Start air curtain



3.Start Ionizer



4.Stop Ionizer



5.Stop air curtain



6.Stop blower fan



7.Put workpiece out from ION WIPER

A4 Type ION WIPER



Specification

Model	DTY-WC-S	DTY-WCM-S
Blower fan	-	With blower fan
Power supply	AC100V $\pm$ 10% (50/60Hz)	
Consumption current mA	About 650	About 700
Equipped Ionizer	DTRY-ELL01 (1 piece)	
Ion balance V	$\pm$ 15	
Media	Air	
Decay time *1	1sec($\pm$ 1000V $\Rightarrow$ $\pm$ 100V,0.5MPa,50mm)	
Operating air pressure supply range Mpa (kgf/cm ²) (psi)	0.2~0.7 (2.0~7.0) (29~102)	
Operating air pressure supply range for Ionizer Mpa (kgf/cm ²) (psi)	0.05~0.5 (0.5~5.0) (7~73)	
Connection port mm	Φ 8 Quick fitting	
Ionizer operating time *1	1sec, 2sec, continue	
External output	ERROR	a-contact normally open(DC24V,2A MAX)
	ION END	a-contact normally open(DC24V,2A MAX)
	VAC START	a-contact normally open(DC24V,2A MAX)
Mass kg (lb)	6.7 (14.8)	7.3 (16.1)
Other	Emergency stop for Ionizer (reset button)	

*1:Performance is measured by in-house test standard. It is not guaranteed performance.

A3 Type ION WIPER



Specification

Model	DTY-WC-L	DTY-WCM-L
Blower fan	-	With blower fan
Power supply	AC100V $\pm$ 10% (50/60Hz)	
Consumption current mA	About 600	About 650
Equipped Ionizer	DTRY-ELL01 (2 piece)	
Ion balance V	$\pm$ 15	
Media	Air	
Decay time *1	1sec(1000V $\Rightarrow$ 100V,0.5MPa,50mm)	
Operating air pressure supply range Mpa (kgf/cm ²) (psi)	0.2~0.7 (2.0~7.0) (29~102)	
Operating air pressure supply range for Ionizer Mpa (kgf/cm ²) (psi)	0.05~0.5 (0.5~5.0) (7~73)	
Connection port mm	Φ 8 Quick fitting	
Ionizer operating time *1	1sec, 2sec, Continue	
External output	ERROR	a-contact normally open(DC24V,2A MAX)
	ION END	a-contact normally open(DC24V,2A MAX)
	VAC START	a-contact normally open(DC24V,2A MAX)
Mass kg (lb)	13.9 (30.6)	14.5 (32.0)
Other	Emergency stop for Ionizer (reset button)	

*1:Performance is measured by in-house test standard. It is not guaranteed performance.