

F-85 IONIZING AIR GUN

100 / 120 / 220 / 240 V



Ion balance		+/- Independent adjustment
Air source		Compressor (0.75 kW or higher)
Air consumption		140L/min (at 0.3 MPa)
Rated voltage / frequency		100 to 240 VAC, 50/60 Hz
Output voltage		2.5 to 6.5 kVDC
Power consumption		30 W
External dimensions	Station	117 (W) × 71 (H) × 176 (D) mm
	Gun	68 (W) × 143 (H) × 245 (D) mm
Cable length		3 m
Weight		1.5 kg (Gun is 230 g, not including cable)
ESD standard		Max. of 20 secs, for charge decay from 1000 V to 100 V

■ Power cord: 1.6 m

■ F-85-1 / 2 accessory



Neutralization performance

Decay times from ± 1000 V to ± 100 V; air 0.3MPa				
Ion balance = Adjustment at distance of 300 mm				
F-85	150 mm	+	23.0	150 mm
		-	30.7	
		+	10.4	
		-	13.3	
	300 mm	+	6.8	300 mm
		-	8.4	
		+	3.13V	
		-	3.13V	
	450 mm	+	4.7	450 mm
		-	5.9	
		+	1.2	
		-	1.5	
	600 mm	+	1.8	600 mm
		-	2.3	
		+	1.2	
		-	1.5	



Nozzle can be adjusted up / down, right / left as desired.

* Requires a separate compressor as the air source.

Optional parts

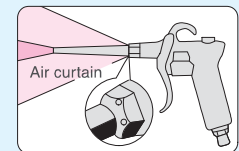
F-85-1 FLAT NOZZLE

- CL-886 / F-85 / 88 standard accessory nozzle



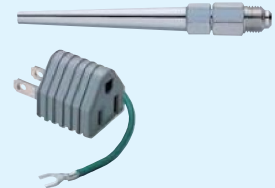
F-85-2 STRAIGHT NOZZLE

- F-85 standard accessory nozzle



HS-32 3-2 PIN ADAPTER

- F-85 has 3-pin plug. Use the HS-32 for converting from 3-pin to 2-pin plug.



CL-886 IONIZING AIR GUN

100 V



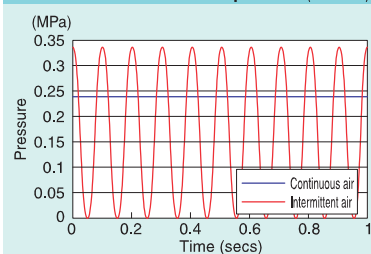
Fluctuations in the airflow scatters dust!

Ion balance	Manual adjustment		
Air source	Compressor (0.75 kW or higher)		
Air consumption	Intermittent operation: 160L / min Continuous operation: 300L / min (at 0.4MPa)		
Rated voltage	DC24 V (with AC adapter)		
Output voltage	DC4 to 7 kV		
Power consumption	9.6 W		
External dimensions	Station	110 (W) × 49 (H) × 160 (D) mm	
	Gun	45 (W) × 180 (H) × 160 (D) mm	
Cable length	2.8m		
Weight	1.2kg (gun: 310 g)		
ESD standard	Max. of 20 secs. for charge decay from 1000 V to 100 V		

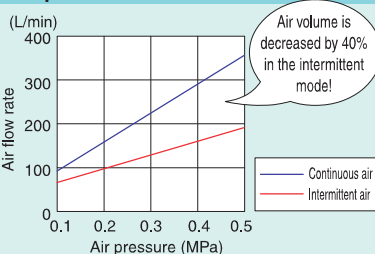
■ Power cord: 1.6 m

■ F-85-1 accessory

Continuous & intermittent air pressure (0.4MPa)



Air pressure & flow rate



Air volume is decreased by 40% in the intermittent mode!



Ion balance adjustment & air selection are possible

* Requires a separate compressor as the air source.

*1. Ion balance...The balance of positive and negative ions supplied by the ionizer.