Static Elimination Characteristics of BF-OHP3B

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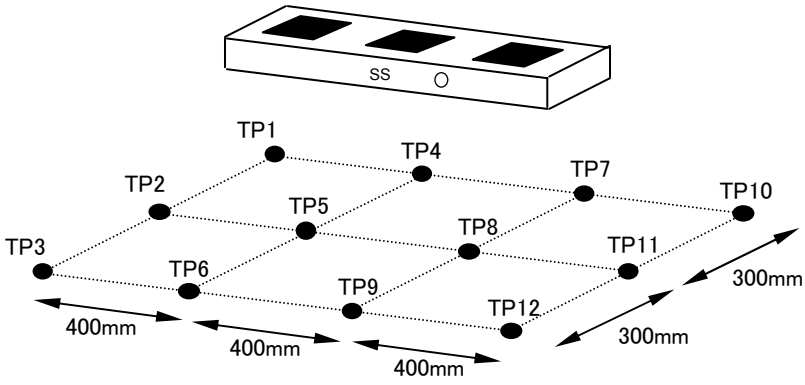

Fig1. Measuring point

Measuring method;
The offset voltage and the dacay time to plate voltage from ±1000V to ±100V are measured in 12 points of the bottom 500mm (1000mm, or 1500mm) plane of an ionizer center at maximum flow by the standard (EOS/ESD S 3.1-1991) of the U.S.

Table1. Static Elimination Characteristics of distance 500mm

Measuring point	TP1	TP2	TP3	TP4	TP5	TP6	TP7	TP8	TP9	TP10	TP11	TP12
Offset voltage [V	0	-3	-2	0	-3	-2	1	0	1	0	0	1
+Decay time [sec	36.6	3.8	12.5	5.4	2.2	4.8	5.4	2.1	4.7	16.2	3.9	24.8
-Decay time [sec	59.5	5.4	19.8	7.7	2.9	6.6	6.0	2.7	7.2	27.4	5.0	31.9

Table2. Static Elimination Characteristics of distance 1000mm

Measuring point	TP1	TP2	TP3	TP4	TP5	TP6	TP7	TP8	TP9	TP10	TP11	TP12
Offset voltage [V	0	0	0	0	0	0	1	2	1	0	0	0
+Decay time [sec	16.9	15.0	15.9	8.1	6.9	8.1	9.0	6.4	7.5	14.1	9.6	12.2
-Decay time [sec	21.4	15.6	19.1	10.6	9.4	13.1	11.8	9.1	9.5	22.7	13.2	15.5

Table3. Static Elimination Characteristics of distance 1500mm

Measuring point	TP1	TP2	TP3	TP4	TP5	TP6	TP7	TP8	TP9	TP10	TP11	TP12
Offset voltage [V	0	0	0	0	0	0	0	0	0	0	0	0
+Decay time [sec	18.3	17.2	21.0	13.1	10.4	14.0	13.2	11.6	12.5	26.5	23.5	21.7
-Decay time [sec	24.5	23.3	29.4	17.4	15.3	18.5	23.5	16.7	17.1	33.3	28.0	26.8

The above-mentioned data does not guarantee a characteristic value.
Some difference occur by environment, an individual difference, or aging.

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