The Specification of Ozone Generator SKO3-110100

Items	Contents
1. Input Voltage	100VAC ~ 120VAC
2. Input Frequency	50Hz ~ 60Hz
3. Input Current	Less than 100mA (at 230VAC)
4. Output Voltage	28KVAC PK ± 15%
5. Output Frequency	Depend on input frequency
6. Output Flow	2.5L/min
7. Output Pressure	0.1 ~ 0.25 kgf/cm^2
8. Output Concentration (without loading)	100mg/hr ± 15%
9. Materials	(1) The case is made by ABS. (2) High voltage transformer and ozone generator are sealed up in epoxy to prevent humidity. (Epoxy is burn-proofing.) (3) There is one normal 2 core wire with 2 flat pin plug type. The length is approx. 1m. (4) There is a fuse, rating is 0.5 Amp, inside the case connected to input wire.
10. Environment Test	(1) High and low temperature test: After placing Ozone generator in -10℃~+40℃, continuously operate it for 3 hours under input voltage 220VAC. After the test, it shall be nothing abnormal on characters item 1 to 8. (2) Humidity-proof test: After placing Ozone generator in 40℃±2℃, 90%~95%RH, for 48 hours, keep it in normal temperature and humidity for one hour. After the test, it shall be nothing abnormal on characters item 1 to 8.

10. Environment Test (continuous)	(3) Thermal shock test: After 5 cycle test under the conditions as follows, keep Ozone generator in normal temperature and humidity for one hour. After the test, it shall be nothing abnormal on characters item 1 to 8. The cycle consists of the parts being subjected to 70°C±2°C for 2 hours, then return to normal temperature for 10 minutes, after that being subjected to -20°C±2°C for 2 hours, finally return to normal temperature for 10 minutes. (4) Cold-proof test After placing Ozone generator in -10°C±2°C for 48 hours, keep it in normal temperature and humidity for one hour. After the test, it shall be nothing abnormal on characters item 1 to 8. (5) Heat-proof test After placing Ozone generator in 70°C±2°C for 48 hours, keep it in normal temperature and humidity for one hour. After the test, it shall be nothing abnormal on characters item 1 to 8.
11. Noise	The noise is less than 45db under the following situation: the length of PVC tube (output) is 1M and without loading.