

The Specification of Ozone Generator SKO3-230100

Items	Contents
1. Input Voltage	220VAC ~ 240VAC
2. Input Frequency	50Hz ~ 60Hz
3. Input Current	Less than 100mA (at 230VAC)
4. Output Voltage	28KVAC PK \pm 15%
5. Output Frequency	Depend on input frequency
6. Output Flow	Larger than 2.5L/min
7. Output Pressure	0.1 ~ 0.25 kgf/cm ²
8. Output Concentration (without loading)	100mg/hr \pm 15%
9. Materials	<p>(1) The case is made by ABS.</p> <p>(2) High voltage transformer and ozone generator are sealed up in epoxy to prevent humidity. (Epoxy is burn-proofing.)</p> <p>(3) There is one normal 2 core wire with 2 flat pin plug type. The length is approx. 1m.</p> <p>(4) There is a fuse, rating is 0.5 Amp, inside the case connected to input wire.</p>
10. Environment Test	<p>(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.</p> <p>(2) Humidity-proof test: After placing Ozone generator in 40 \pm2 , 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.</p>

<p>10. Environment Test (continuous)</p>	<p>(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 ± 2 for 2 hours, then return to normal temperature for 10 minutes, after that being subjected to -20 ± 2 for 2 hours, finally return to normal temperature for 10 minutes.</p> <p>(4) Cold-proof test After placing Ozone generator in -10 ± 2 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.</p> <p>(5) Heat-proof test After placing Ozone generator in 70 ± 2 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.</p>
<p>11. Noise</p>	<p>The noise is less than 45db under the following situation: the length of PVC tube (output) is 1M and without loading.</p>