

## Plasma Air Sterilizer (Wall Mounted)



### Introduction:

It consists of a plasma sterilization area and a dust accumulation area. The sterilization area contains electrons, ions, excited atoms, molecules, and active free radicals, which can effectively kill various bacteria, viruses, fungi and other pathogenic microorganisms in the air. The dust accumulation area can effectively absorb the charged dust particles passing through the sterilization area. It is suitable for general operating room, delivery room, blood ward, burn ward, protective isolation ward, etc.

### Features:

- \* Human and machine coexistence. \* It can effectively remove organic gases and various odors in hospitals.
- \* High sterilization efficiency and good dust accumulation effect. \* Three gears adjustable wind speed.
- \* Real-time monitoring of indoor air temperature and humidity. \* 9 groups program-controlled timing disinfection.
- \* Multiple working modes: manual, timing, automatic, temporary. \* LCD display, far infrared remote control.
- \* Automatic accumulation of working hours. \* Plasma 30000 hours alarm, filter 2000 hours alarm.
- \* One key lock function, the user can lock manually or the user has not operated for a long time to lock automatically.
- \* Component failure alarm, each function of a separate alarm display.

### Technical Parameters:

Model	BKZII-B-800-D	BKZII-B-1000-D	BKZII-B-1300-D
Type	Wall mounted		
Disinfection Type	Plasma and electrostatic adsorption		
Applicable Space	≤80m³	≤100m³	≤130m³
Circulating Air	≥800m³/h	≥1000m³/h	≥1300m³/h
Shell Material	Metal shell		
Ozone Leakage	≤0.02mg/m³		
Plasma Density	3.26*10 <sup>17</sup> m <sup>-3</sup> ~6.01*10 <sup>17</sup> m <sup>-3</sup>	3.18*10 <sup>17</sup> m <sup>-3</sup> ~6.15*10 <sup>17</sup> m <sup>-3</sup>	3.22*10 <sup>17</sup> m <sup>-3</sup> ~6.36*10 <sup>17</sup> m <sup>-3</sup>
Negative Ion Generation	≥5*10 <sup>6</sup> PCS/cm³		
Electric Field Intensity of Sterilization Area	8000V		
Electric Field Intensity of Dust Accumulation Area	4000V		
Natural Bacteria Extinction Rate	≥90%		
Sterilization Rate of Staphylococcus Albus	≥99.9%		
Noise	≤55dB(A)		
Consumption	≤100W	≤120W	≤150W
Power Supply	AC220V, 50/60Hz(Standard); AC110V, AC50/60Hz(Optional)(External transformer)		
External Size(W*D*H)	693*360*160mm	800*360*160mm	1050*360*160mm
Net Weight	15.5kg	17.5kg	22.5kg
Package Size(W*D*H)	782*428*252mm	880*428*252mm	1150*446*258mm
Gross Weight	18kg	20kg	25.5kg

## Plasma Air Sterilizer



BKB-Y-800-D



BK-Y-1000-D



BKB-G-1600-D

### Features:

- \* The coexistence of man and machine means that it can be disinfected in a manned environment or in an unmanned environment.
- \* LCD touch display, real-time display of indoor temperature and humidity (Humidity only for BKB-G-1600-D).
- \* 6 groups of on-off time can be booked within 24 hours, wind speed can be adjusted in three gears.
- \* Manual, timing, temporary and automatic working modes (Automatic working mode only for BKB-G-1600-D) are available.
- \* With two-section plasma generator, the upper part uses 4000V plasma generator to adsorb dust particles, and the lower part uses 8000V plasma generator to sterilize and disinfect (Mobile type). With plasma generator, fan, negative ion module fault alarm, filter maintenance warning (BKB-G-1600-D). The service life can reach 30000 hours.
- \* Built-in high-concentration negative-ion generator, release negative ions to adsorb dust particles in the air and purify the air.
- \* The device has two fans and two plasma generators with large air volume and space disinfection capacity (Only for BKB-G-1600-D).
- \* Filter is easy to disassemble.

### Technical Parameters:

Model	BKB-Y-800-D	BK-Y-1000-D	BKB-G-1600-D
Type	Mobile type		Floor type
Disinfection Type	Plasma and electrostatic adsorption		
Applicable Space	≤80m³	≤100m³	≤160m³
Circulating Air	≥800m³/h	≥1000m³/h	≥1600m³/h
Shell Material	Metal shell		Metal shell
Ozone Leakage	≤0.01mg/m³	≤0.033mg/m³	≤0.01mg/m³
Plasma Density	3.40*10 <sup>17</sup> m <sup>-3</sup> ~1.75*10 <sup>18</sup> m <sup>-3</sup>	3.49*10 <sup>17</sup> m <sup>-3</sup> ~8.67*10 <sup>17</sup> m <sup>-3</sup>	3.38*10 <sup>17</sup> m <sup>-3</sup> ~1.84*10 <sup>18</sup> m <sup>-3</sup>
Negative Ion Generation	≥5*10 <sup>6</sup> PCS/cm³		
Electric Field Intensity of Sterilization Area	8000V		
Electric Field Intensity of Dust Accumulation Area	4000V		
Natural Bacteria Extinction Rate	≥90%		
Sterilization Rate of Staphylococcus Albus	≥99.9%		
Noise	≤55dB(A)		
Consumption	≤100W		≤200W
Power Supply	AC220V, 50/60Hz(Standard); AC110V, 50/60Hz(Optional)(External transformer)		
External Size(W*D*H)	370*360*710mm	540*410*900mm	370*360*1340mm
Net Weight	20.5kg	23kg	41.8kg
Package Size(W*D*H)	440*430*780mm	574*481*975mm	440*430*1420mm
Gross Weight	25.3kg	28.5kg	47.7kg