

**Product Name :**  
Ultraviolet Sterilizer**Product Code :**  
NMBCE10005**Description :**

**Ultraviolet Sterilizer:**For sterilizing the air within the sterilization chamber. An ultraviolet ray is a band of light with short wavelength from 2000 to 2950 angstrom units possess the greatest germicidal effect of all ultraviolet wavelength, particularly the wavelength of 2537 angstrom units, it is extensively used to destroy airborne bacteria, virus, mould pores etc.

Ultraviolet Sterilizer can be kept on even during the operations as special measures are taken to save against direct radiation, this unit can mount on wall, kept on the table or at a suitable place.

**How Does it Works:-** The TUV lamps have germicidal effect for killing and inactivating bacteria, viruses and other primitive organisms. The impurities and bacteria are floating in the air. In order to sterilize and purify the air, sterilization chamber is provided which has an arrangement to draw the impure air from the top, filter it with duct filter the 15 micron fine filter, then air passes through carbon filter (Optional) and finally sterilize it with Ultraviolet Radiation and then release the pure clean air it into the room. Special measures are taken to protect against direct radiation.

**What is U.V. Sterilization:-** U.V. ray penetrates direct into bacteria and raises various kind of biochemical reaction itself then bacteria die out or fall into a function disorder. Especially, UV rays strikes directly bacteria's DNA and have a fatal influence on it. These UV rays work directly on most bacteria's DNA sequences and raise disorder itself then inactivate bacteria's cell perfectly.

**Five Step sterilization:**

**Step-I Dust Filter:-** Large particles of dust such as strands and hairy-dusts are filtered at this stage.

**Step-II 15 Micron Filter:-** Minute particles floating in air are filtered from this filter.

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Step-III Carbon Filter (Optional):- Thanks to the function of strong deoderization decomposition, carbon filter removes tobacco smokes, a smell of food and most of odours.

Step-IV UV Filter:- Equipped with two 8 watt UV lamp it sterilizes the air.

Step-V Ionizer (optional):- This Negative Ion generator generates large quantities of negative Ions thus it feels fresh and comfortable. Ultraviolet Sterilizer, Baby Care Equipments Exporters, Baby Care Equipments Manufacturers

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