



*Western Surgical*®

# Fumigator Machine

## USER MANUAL



[www.westernsurgical.in](http://www.westernsurgical.in)  
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\* Carrying Warranty at Rajkot only on site warranty not provided free of cost.

\* Due to constant upgradation design, price and features are subject to change any time without prior notice.



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## GENERAL

Aerosol Disinfectant is the result of extensive designing, testing, remodelling and tailor made to suit your requirements to be fixed on in minutes for use. This is a compact, easy to use, easy-to-move aerosol disinfectant that instantly converts the chosen bactericide, insecticide or pesticide to its true aerosol particles. Research and Medical authorities all over the world recommend the aerosol technique of disinfection and fumigation, as it is the most effective form of creating a completely sterile germfree and zero-bacteria environment. That is because the aerosol disinfectant helps permeate each and every corner and crevice of the area to be covered, including furniture and fittings. Disinfectants are most effective in their true aerosol form. Formalin can be totally utilised in aerosol disinfection as formalin is converted into minute droplets which are suspended in the air bathing individual bacteria and virus particles to death. Formalin can penetrate into mattresses, quilts, cracks and crevices of the room and furniture. Being aerosol in form, it dissipates instantly and spreads evenly in the atmospheric air.

## **APPLICATION :**

Operation theatres, Patient Wards, Maternity & Nursing Homes, Sanatoriums, Mortuary, Pathological & Micro Biological Laboratories, Mobile Family Planning Centres, Pharmaceutical Plants, Vaccine Manufacturing Plants, Food & Meat Processing Plants, Cold Storage Units, Hatcheries, Egg Storage Rooms, Poultry Houses, Egg Fumigation, Small Animal Houses, Sericulture Canine Houses, Zoological Botanical Parks. Veterinary Laboratories and Hospitals, Seed testing Laboratories, Seed germinating rooms, Green Houses, Mushroom growing houses and Botanical laboratories, parks, Hotels, Restaurants, Theatres, Libraries, Hostels, Record Room, Museums and Grain Storage houses etc.

## **SPECIFICATIONS :**

Control Box	:	0-120 MIN. TIMER BOX (optional)
Power	:	0.3 Amps 65 Watts
Output	:	5 Lts/hr
Speed of Motor	:	2960 rpm
Height	:	17 inches
Diameter	:	18 inches
Weight (dry)	:	8 kg.
Surface finish	:	Stainless Steel

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# OPERATING INSTRUCTIONS

1. Keep the " AEROSOL DISINFECTOR" in the room to be Disinfected and connect the plug from the Aerosol Disinfector to the control box.
2. Keep the control box outside OR inside the room to be disinfected which is connected to the Aerosol.
3. Measure the required quantity of Formalin and pour it in the trough. The maximum capacity of the trough is 5 liters. Generally use ratio 1 : 10 of Formalin and water concentration.
4. Close all the doors and windows and seal them.
5. Switch 'ON' the Aerosol Disinfector from the control box. One litre is automised on 30 min. and 2 litre in an hour. Depending on the time required, when all the formalin is automised switch off the 'Aerosol Disinfector'. You can operate Aerosol Disinfector by Timer Control Box.
6. Depending on the strength of Formalin used, keep the room closed for six to eight hours.
7. After 8 to 10 hours start Airconditioner OR Fan to reduce the effect of formalin, if it is still there, depending on concentration then (if reqd.) neutralise it by Ammonium Hydroxide.
8. Generally there is no need to neutralise it by Ammonium Hydroxide after keeping room closed for several hours, but if it is necessary then mixture of Ammonium Hydroxide and water ratio 1:10 is used for neutralisation, and switch 'ON' the Aerosol for the required time and use the room after two hours.
9. Run the Aerosol Disinfector with clean water for 15 minutes every time after the disinfection.
10. Do not keep unit unused for several months.

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# IMPORTANT PRECAUTIONS

1. This equipment is to be used on 220-240 V.A.C. mains supply only
2. The user should make sure of the available mains supply before connecting the equipment and ensuring the proper earth (ground) point of mains supply.
3. This unit is coming with contact of liquid, water always hence its electrical wire and plug must be protected away from water conductor, otherwise it results short circuiting electrical mains cable and Motor-short circuit.
4. Water must be poured directly in tray and not from top of fumigation unit.
5. After fumigation is done Machine should be cleaned, dried and kept in proper manner.
6. Avoid putting dust, cotton pieces, injection needle etc. in disinfectant unit from top even by mistake to avoid breakdown call.

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<b>Date of Installation</b>	<b>Installed By</b>
<b>Model No.</b>	<b>Serial No.</b>
<b>Warranty Period</b>	
<b>Name of Doctor &amp; Address :</b>	

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**Customer Sign. With Stamps**

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**Marketed By: Western Surgical  
Sign. With Stamps**

**No Claim Warranty :**

**1) Any Defect Throught Power Supply**

**2) Any Physical Damage**

3) Under Warranty Standby Unit Not Provide

4) Under Warranty When Company Send Parts or Machine we Imidiat send to Buyer.

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# OUR OTHER PRODUCTS RANGE



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