



VENERGI-Vac

Aerosol Evacuation System

A Product of

G3 Lasers

CE



A Member of

MSME

सूक्ष्म, लघु एवं मध्यम उद्यम
MICRO, SMALL & MEDIUM ENTERPRISES

A Product of

G3 Lasers



ENERGI-Vac

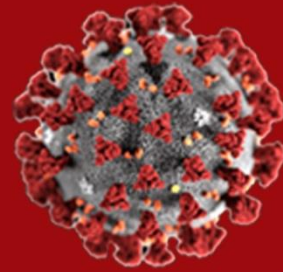
Aerosol Evacuation System



ABSORBS

FILTERS

DESTROYS

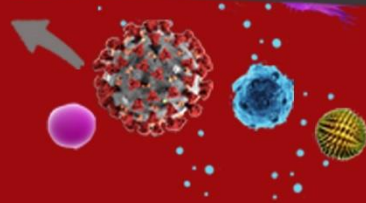
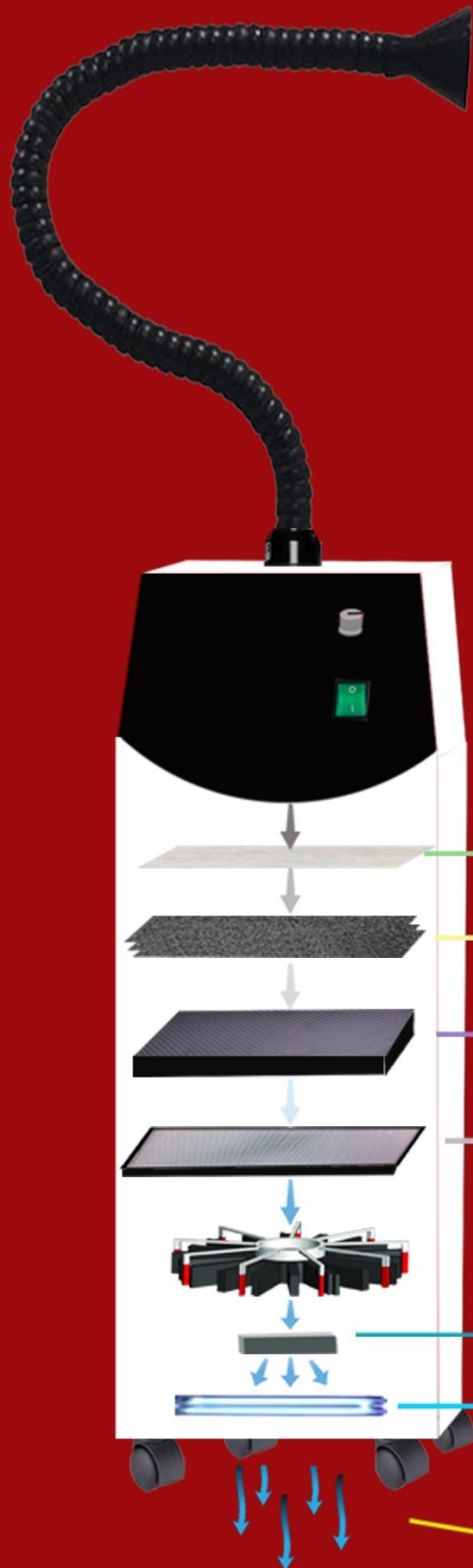


ENERGI-Vac is a **High Powered Evacuation system** that Absorbs the Aerosol Particles, Filters & Destroys Virus, Bacteria, Fungus, Pollen & Odour from the operating room or minor procedure rooms and avoids spreading of infection through air or deposits on any surfaces.

ENERGI-Vac Absorbs , Filters & Destroys these infectious micro particles with it's state-of-art 6-Stage Mechanical cum chemical filters as per WHO standards for safety of Surgeons, Dental Surgeons, Physicians and Patients.



6 Stage Filtration Process with 99.9995% Efficiency



1 Cotton Filter

>> Filters Aerosols & Moistures

2 Multi-Layered Pre-Filter

>> Filters Large Particles and Increase efficiency of HEPA filter

3 Carbon & Chemical Filter

>> Removes Biological and Chemical Odours

4 ULPA-U15 0.12 micron Filter

>> Filters 99.9995% of Virus, Bacteria, Fungus, Pollen

5 Plasma Ionizer

>> Generates millions of ions every moment & circulates super fresh air!

6 UV-C Lamp

>> Final Sterilization of the filtered air

Outflow of clean air, after filtration

We have designed multiple variants to meet the different needs!

ENERGI-Vac

Aerosol Evacuation system with hose pipe, is meant for usage in OT / Procedure room for targeted disinfection process.

6 Stage Filtration Process with 99.9995% Efficiency

Cotton Filter

Multi-Layered Pre Filter

Carbon & Chemical Filter

ULPA-U15 Filter

Plasma Ionizer

Dual UV-C Lamp

ENERGI-Fresh Vac

Aerosol Evacuation system with Open Grill at top (instead of hose pipe) for air suction. It is meant for complete room disinfection.

6 Stage Filtration Process with 99.9995% Efficiency

Cotton Filter

Multi-Layered Pre Filter

Carbon & Chemical Filter

ULPA-U15 Filter

Plasma Ionizer

Dual UV-C Lamp

ENERGI-Mini Vac

Aerosol Evacuation system with HEPA Filter, Pre-filter, UV-C and except for Plasma Ionizer.

5 Stage Filtration Process with 99.5 % Efficiency

Cotton Filter

Pre Filter

Carbon Filter

HEPA-H13 Filter

UV-C Lamp

ENERGI-Smoke Vac

Aerosol Evacuation system with HEPA Filter, & Pre-filters except for UV-C, Plasma Ionizer.

4 Stage Filtration Process with 99.5 % Efficiency

Cotton Filter

Pre Filter

Carbon Filter

HEPA-H13 Filter

SPECIFICATIONS

Filter Cartridge	: Life Cycle - 1000 Hours;
Plasma Ionizer	: Life Cycle - 10000 Hours;
UV-C Lamp	: Life Cycle - 5000 Hours;
Voltage	: AC 220V / 50 Hz
Suction Power	: 30KPa Max
Flow Rate	: 3,500 litres/min
Goose Hose Length	: 1.5 m
Max Noise Level	: <= 55dB
Weight	: 20 kg
Dimensions	: 23cm x 34cm x 61cm (h)

**ENT/ Head &
Neck Surgery**

Gynecology

**Plastic Surgery &
Dermatology**

Orthopaedics

Ophthalmology

**Dental/ Maxillo Facial/
CranioFacial Surgery**

Surgical Oncology

ICU/ ICCU / Laboratory

Minor Procedure Rooms

Consultation rooms





Features of ENERGI-Vac



6-Stage Filtration Process with ULPA Filter at 99.9995% efficiency



Powerful UV-C for speedier disinfection



Lowest Noise Level 35dB



Wheels for easy mobility to multiple rooms



User Friendly Adjustable Memory Hose that is convenient to position



Ensures Safety of Physicians and Patients



Plasma generates abundance of fresh oxygen



Easy to Change Filters, Maintain & Service

G3 Lasers

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