

AIR IONIZATION SYSTEM COMPLETE SANITIZED INDOOR LIFE



★ VIRUS FREE ★ CLEAN AIR ★ SAFE



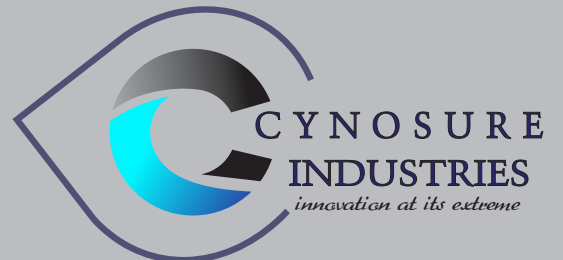
★ Be Smart Stay Safe
★ 99.98% Virus Free
★ Patent Publication
No: 202031051699



Available On
GeM
Government
e Marketplace

Product Id : 5116877-57684273920

Designed, Developed & Manufactured by:



AIR IONIZATION SYSTEM

CERTIFICATION & PRODUCT SPECIFICATION

Technology Approved Worldwide



“ The Air Ionization Sanitization System was found to reduce the Spiked MS2 Phage Virus upto 99.98% after 5 minutes of exposure time. Thus, this system is found to be effective in reducing the challenged Virus load.” – Certified by NABL Lab*

Product Specification:

Power Consumption: 20W

Voltage: 220 Volt

Coverage Area: 10,000 Cubic Feet

Size: 15.24cm x 25.4cm x 30.48cm

The Product for Safe Life:

There is an urgent need for simple, portable and sensitive device to collect, eliminate and identify viruses from air, to rapidly detect and prevent outbreaks and spread of infectious diseases. Apart from COVID-19 each year infectious diseases cause millions of deaths around the world and many of the most common infectious pathogens are spread by droplets or aerosols caused by cough, sneeze, vomiting etc. Thus air is an important transmission route for many pathogens including viruses. This product effectively collect and eliminate aerosolized pathogens from air and prevents airborne-transmitted virus infections.

Product Technology:

The product works through the reaction of negatively and positively charged ions. The ions attach to airborne pathogens, such viruses causing a chemical reaction on the cell membrane's surface which deactivates the viruses, rendering them harmless, so they can no longer spread or cause infection.

The product is a specialized indoor air sanitization and purification product that results in healthier, more productive indoor environments in institutional, commercial, residential and industrial applications. This product uses highly efficient bipolar ionization technology to kill harmful airborne viruses and neutralize indoor air pollutants.

It generates ionised particles that neutralise positively charge Spike Proteins on the virus.

The product breaks the chain of virus movement, reduces infectivity and prevents transmission from one virus positive person to others.

AIR IONIZATION SYSTEM CERTIFICATION & PRODUCT INSTALLATIONS



CAIS TESTED AND CERTIFIED BY NABL LAB
99.98% VIRUS FREE

THE CENTRAL DRUGS STANDARD CONTROL
ORGANISATION(CDSCO) MINISTRY OF HEALTH &
FAMILY WELFARE, GOVT OF INDIA DEFINED CAIS
AS 'MEDICAL DEVICE'

efrac
Edward Food Research & Analysis Centre Limited QA.15.0.0.3

TEST REPORT

ISSUED TO: Cynosure Industries, Sugandha, Hooghly- 712102
 REPORT NO.: EFRAC/2020/ENV/00755/01/MB/ 05516
 ISSUE DATE: 03/09/2020
 CUSTOMER REF: TRF
 REF. DATE: 22/08/2020
 PAGE NO.: 1 of 1

KIND ATTENTION: Ms Sampurna Ghosh

SAMPLE DETAILS

SAMPLE REGISTRATION DETAILS
 Sample Receipt Date: 22/08/2020
 Sample Registration Date: 25/08/2020
 Sample Registration No: EFRAC/2020/ENV/00755/01/MB/ 05516
 Sample Type: Air Ionization System
 Batch No.: NIL

SAMPLE ANALYSIS DETAILS
 Analysis Starting Date: 24/08/2020
 Analysis Completion Date: 01/09/2020

S. No.	TEST PARAMETER	UOM	METHOD	LIMIT OF QUANTIFICATION	REQUIREMENTS	RESULTS
Microbiological Parameters						
1	Antivirus Efficacy against MS2 Phase	%	Client Shared Method	N/A	---	99.98

UOM : Unit of Measurement
 Instruments Used : N/A
 Remarks : EFRAC is accredited by NABL (ISO 17025:2017)

-END OF THE TEST REPORT-

Reviewed & Authorised by
Dr. Binaykalyan Das
Group Leader
Authorized Signatory

Research & Analysis Centre: Subhas Nagar PO: Nilgunj Bazar Barasat Kolkata 700 121
 Phone +91 33 7112 2800 Fax: +91 33 7112 2801 Email: efraclab@efrac.org
 CIN - U24100WB1999PLC000111

29/Misc/03/2020-DC(288)
 Central Drugs Standard Control Organisation
 Directorate General of Health Services
 Ministry of Health & Family Welfare
 (Medical Device Division)

FDA Bhawan, Kotla Road,
New Delhi-110002.
Dated: 7 MAY 2021

To,
M/s. Cynosure Industries,
3 Mayfair Road Flat 1A
Kolkata West Bengal-700019.

Sub:- PMOPG/D/2020/0285320 of M/s. Cynosure Industries for introduction Air Ionization (CAIS) for the purpose of Decontamination and Sanitization on indoor environment -Regd.

Sir,

This is referring to PMO ID No. :PMOPG/D/2020/0285320 dated 03.12.2020 received by this office through Drugs Regulation Section, MoHFW vide P- 2023377/ 04/01/2021 regarding the above mentioned subject.

The case has been examined in the light of documents submitted by you. In this connection, it is stated that the product viz., Cynosure Air Ionization System (CAIS) used for decontamination and sanitization of pathogens including viruses at indoor environment is currently not under licensing as per Drugs and Cosmetics Act and Medical Devices, 2017 thereunder. However, as per the S.O. 648 (E) dated 11.02.2020 the proposed product falls under the definition of Medical Device.

In view of above, you may take action regarding voluntary registration for the product in portal established by CDSCO as per G.S.R. 102 (E) dated 11.02.2020.

Yours faithfully,

(Dr. V. G. Somani)
Drugs Controller General (India)

Copy to
Under Secretary (Drugs) w.r.t
PMO ID No. PMOPG/D/2020/0285320
representation from Shri Santosh Ghosh

CAIS TESTED AND CERTIFIED BY NABL LAB
OZONE EMISSION < 1.0 µg/m³
(CAIS HARMLESS TO HUMANS)

CAIS INSTALLATIONS....

efrac
Edward Food Research & Analysis Centre Limited QA.15.0.0.3

TEST REPORT

ISSUED TO: Cynosure Industries, Paruchhottambati, Sugandha, Hooghly- 712102
 REPORT NO.: EFRAC/2021/ENV/00693/01/WC/ 07077
 ISSUE DATE: 05/07/2021
 CUSTOMER REF: TRF
 REF. DATE: 30/06/2021
 PAGE NO.: 1 of 1

KIND ATTENTION: Mr. Santanu Ghosh

SAMPLE DETAILS

SAMPLE REGISTRATION DETAILS
 Sample Receipt Date: 30/06/2021
 Sample Registration Date: 30/06/2021
 Sample Registration No: EFRAC/2021/ENV/00693/01/WC/ 07077
 Sample Type: Air Sample
 Batch No.: Cynosure Air Ionization And Sanitization System

SAMPLE ANALYSIS DETAILS
 Analysis Starting Date: 01/07/2021
 Analysis Completion Date: 05/07/2021

S. No.	TEST PARAMETER	UOM	METHOD	LIMIT OF QUANTIFICATION	REQUIREMENTS	RESULTS
Environment						
1	Ozone (O3)	µg/m ³	Methods of Air Sampling and Analysis 3rd Edition, Method 411	N/A	Max.180.0	<1.0

UOM : Unit of Measurement
 Instruments Used : UV-Visible Spectrophotometer
 Remarks : **Requirement given as per NAAQS, CPCB, 2009

-END OF THE TEST REPORT-

Reviewed & Authorised by
KALPNEE MOHANTY
Group Leader
Authorized Signatory

Research & Analysis Centre: Subhas Nagar PO: Nilgunj Bazar Barasat Kolkata 700 121
 Phone +91 33 7112 2800 Fax: +91 33 7112 2801 Email: efraclab@efrac.org
 CIN - U24100WB1999PLC000111

- National Test House, Govt of India
- Ministry of Finance, Govt of India
- Ministry of Fire And Emergency, Govt of West Bengal
- Ministry of Public Health Engineering, Govt of West Bengal
- West Bengal Police Department, Govt of West Bengal
- Orient Electric Ltd
- Kolkata Heart Lung Institute & Research Centre
- Science & Surgical
- Eastern Coalfields
- Selvel
- Techno Global Hospital, Barrackpur
- Gandhi Memorial Hospital, Kalyani
- Barrackpur Stadium Make Shift Covid Hospital
- Union Bank
- SREI Group
- Tata Medical Centre
- St Xaviers College, Park Street
- Mags Medical & Research Centre
- ILS Hospital

Technology Approved Worldwide

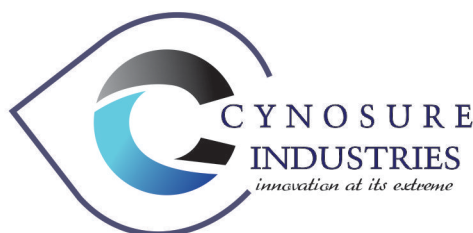
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THE COMPLETE INDOOR SANITIZATION SYSTEM

Designed, Developed & Manufactured by:



CYNOSURE INDUSTRIES
Purushottam Bati, Sugandha
Hooghly – 712102

Mobile : 8910377610

Email: cynosureindustries2020@gmail.com

Website : cynosureindustries.org

