

<b>TECHNOLOGY</b>	Photocatalysis + Ionization
<b>Area (m2)</b>	80 to 100 m2 (depends on space condition)
<b>Consumption (w)</b>	< 55W
<b>Operating Temp</b>	<60C
<b>Power supply</b>	110/220v / 38V dc
<b>Dimension (cm)</b>	29.5cm x 37.5cm x 45cm



## Description:

Autonomous equipment with combined technology of: photocatalysis, Hepa filters, ionization. Notice on your LCD screen, for the replacement of consumables. Fan with 5 speeds, remotecontrol and programmer for on and off. ABS design and finish, easy to clean

## Applications

- Museums, offices, hotels  
Pharmacies, hospitals.
- Food industry, dental  
clinics, schools, health  
centers

## Installation:

- Plug & play

## TECHNOLOGY

Equipment with photocatalytic reactor and ionizer, composed of long-life 2-stage filters with almost no maintenance and long life. Without installation and super quiet. Improves air quality by reducing microbial load.

## FUNCTION

Reduces bacteria, viruses and improves air quality, tests show its effectiveness against microorganisms and suspended dust. The equipment presents a function to program the time of use, easy installation and intuitive interface, super silent and effective against odors, viruses and bacteria.

## ADVANTAGE

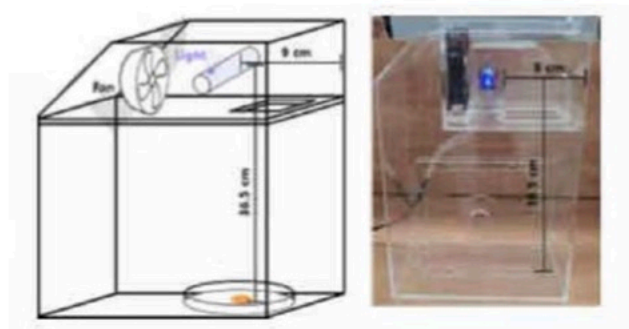
- Can work continuously 24/7.
- Reduction of viral and bacterial load.
- Odor reduction. No fogging or spraying of chemicals.
- Low consumption.
- Without installation. Almost maintenance free.

# Test Result Against SARS- CoV-2(COVID-19)

Product : Ioncluster module (TK-IONIZER1)

Test Virus: SARS-CoV-2 (COVID-19)

Product Name	Treatment Time	Control Virus Titer (TCID <sub>50</sub> )	Test	Virus Reduction Rate	
			Virus Titer (TCID <sub>50</sub> )	(log)	(%)
Ioncluster module (TK-IONIZER1)	60min	1.36x10 <sup>5</sup>	9.28x10 <sup>3</sup>	1.166	93.18%
	120min	5.21x10 <sup>4</sup>	7.66x10 <sup>2</sup>	1.833	98.53%



**Result:** Ioncluster module (TK-IONIZER1) is showed 93.176%, 98.530% of the virucidal effect on 60, 120 minutes condition, respectively against SARS- CoV-2(COVID-19).