



# ESPERO 100



## Portable indoor air sanitizer

ESPERO 100 is a device equipped with the innovative KtV filter patented by NANO HUB.

ESPERO 100 uses the natural process of photocatalysis to absorb and convert light energy into free radicals. The radicals **destroy Sars-CoV-2, viruses, bacteria, allergens, fungi, molds, gases, VOCs (volatile organic compounds), odors, PM2.5 and PM10.**

The process of destroying viruses and bacteria is accelerated by up to 20 times by the network of copper nano particles, unique to the KtV filter.

The device does not use biocidal chemicals or potentially harmful light sources. It can therefore be used safely in the presence of people and animals.



## Sars-CoV-2 Test San Raffaele

The effectiveness of the KtV filter has been tested against Sars-CoV-2 by the San Raffaele Hospital in Milan. Within 10 minutes, the viral load is deactivated by 98.2%, to zero completely in 30 minutes.

This test was verified by SIMA (Italian Society of Environmental Medicine).



## Features

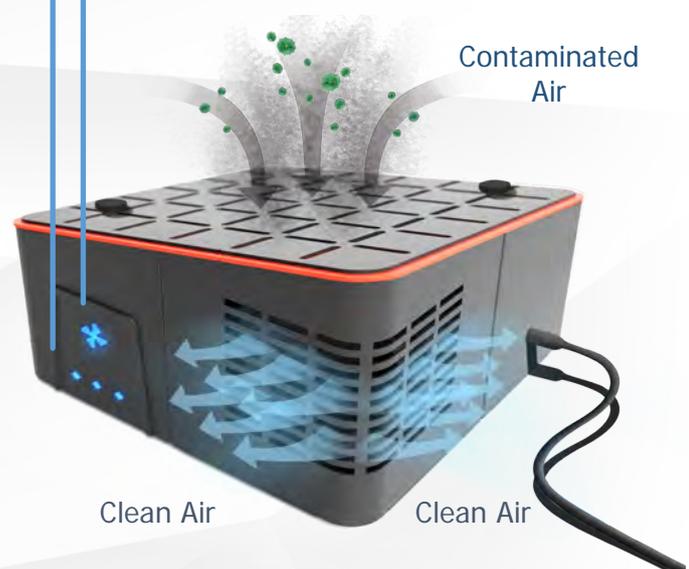
- Technology: KtV
- Power Supply: 80-264 V/AC
- External Wall Voltage Adapter
- Max. Consumption: 30W, 0.6A (FAN max speed)
- 3 Fan Speed Levels for Air Flow Adjustment
- Nominal Air Flow at High Speed 100 m3/h c.a.
- ON/OFF + FAN speed backlight button
- FAN speeds LED indicators
- Easy Access for Filter Maintenance
- Washable and Replaceable Dust Filter
- Noise Level: 45 dBA at High Speed
- Dimensions (mm): (L) 196 x (W) 196 x (H) 113
- Weight (kg): 1,6
- 2 Year Warranty

Easy access for dust filter maintenance



3 LED FAN speed indicators

ON/OFF, 3 FAN speed regulation button



## Wall applicability

ESPERO 100 has the possibility to be applied on a wall, to reduce desk encumbrance. The device is equipped with plug 3.5mm jack + 110 - 240V wall adaptor. Dust filter can be easily replaced thanks to a couple of removable screws by hand.



**made in Italy**

## Available Colors

