



Using Ultra-Violet light

TO SANITISE PLASTIC CARDS, KEYCARDS AND OTHER SMALL ITEMS



LABORATORY
TESTED
99.9%
REDUCTION
AGAINST
COVID 19

A presentation by:

MagiKote Limited

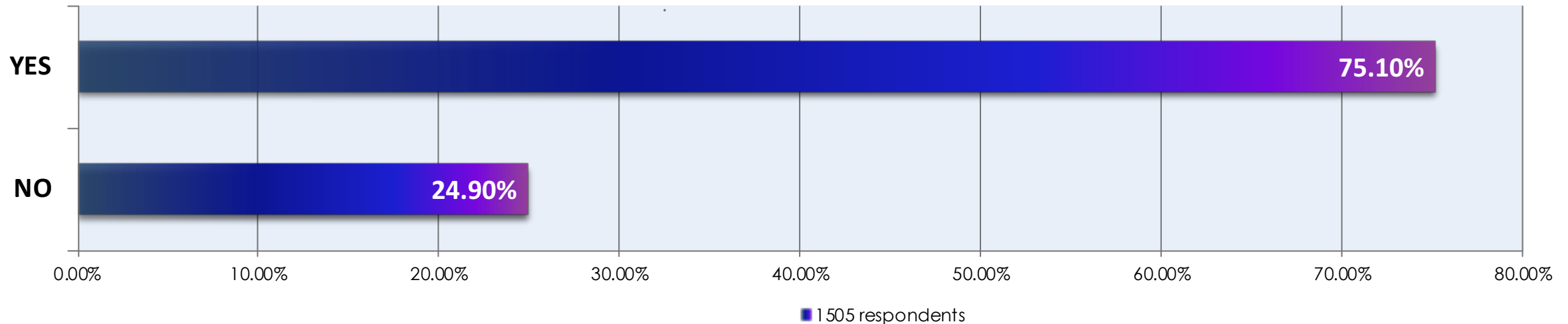
MAGIKOTE LIMITED CAN BE CONTACTED THROUGH THEIR WEBSITE: WWW.MAGIKOTE.COM

MAGIKOTE IS A REGISTERED TRADEMARK OF MAGIKOTE LIMITED

Should Hotel Key Cards be regularly sanitised with UV-C light?

A recent Google Survey asked 1 500 people and 75% said "YES"

Hotel Key Cards are handled by hundreds of guests and can spread germs & viruses.
To kill these, including E.Coli & Covid, should they be sterilised regularly by safe UV-C light?



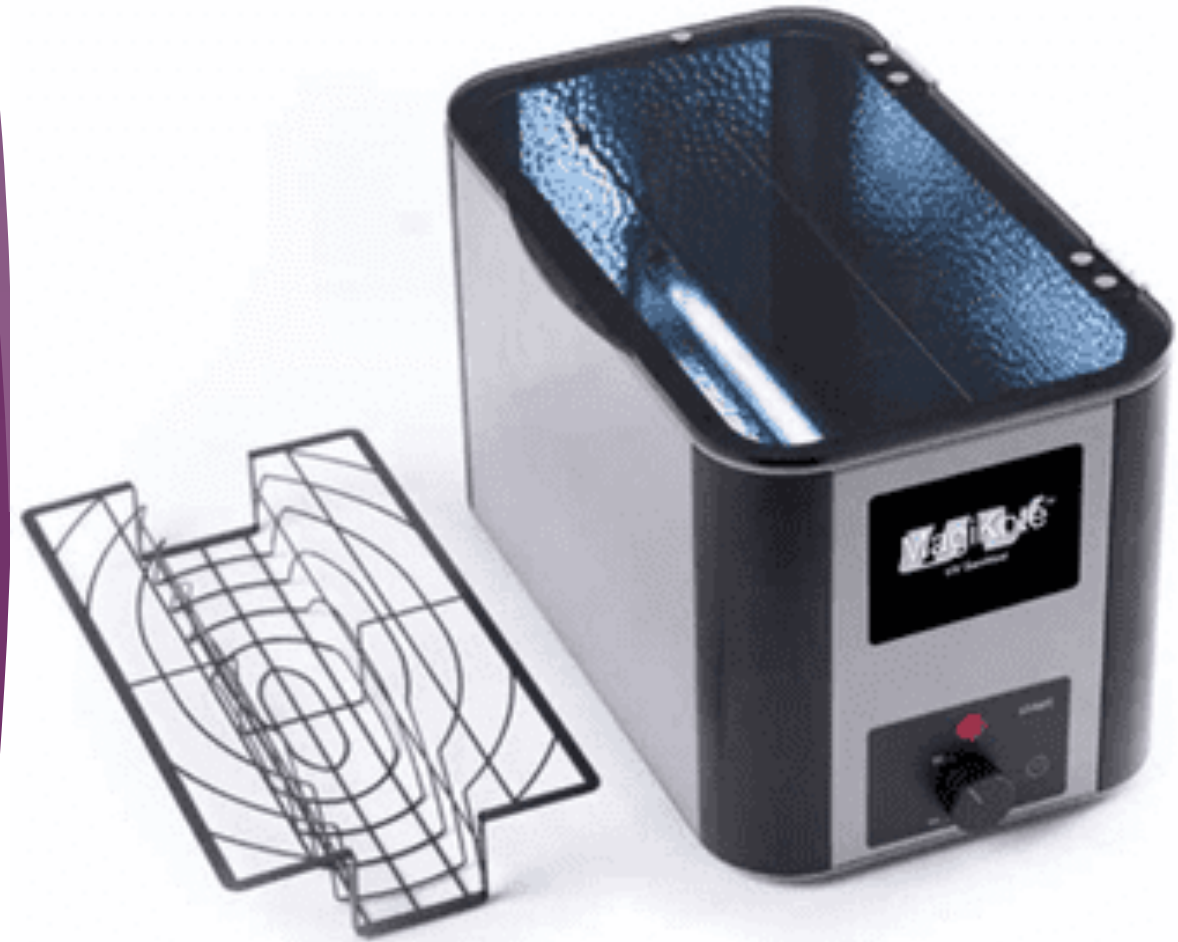
Think again before using “Wet Wipes” for cleaning.

- ▶ Wet wipes contain micro-plastic fibres which do not biodegrade in the environment.
- ▶ They can cause long term damage to sea creatures and marine environment.



What is a UV-light Sanitiser ?

- ▶ It is a FULLY ENCLOSED ELECTRONIC DEVICE, that emits UV-C light in order to sterilise small objects that are placed inside.
- ▶ Our UV-C Sanitiser features a **UNIQUE transparent rack which can hold 30 plastic cards, such as hotel key cards, wallet cards and similar.**
- ▶ The rack can be removed so that other small items, such as jewellery, car-keys, cell-phones, wristwatches etc can also be sterilised by placing the items in a special basket, as illustrated here.

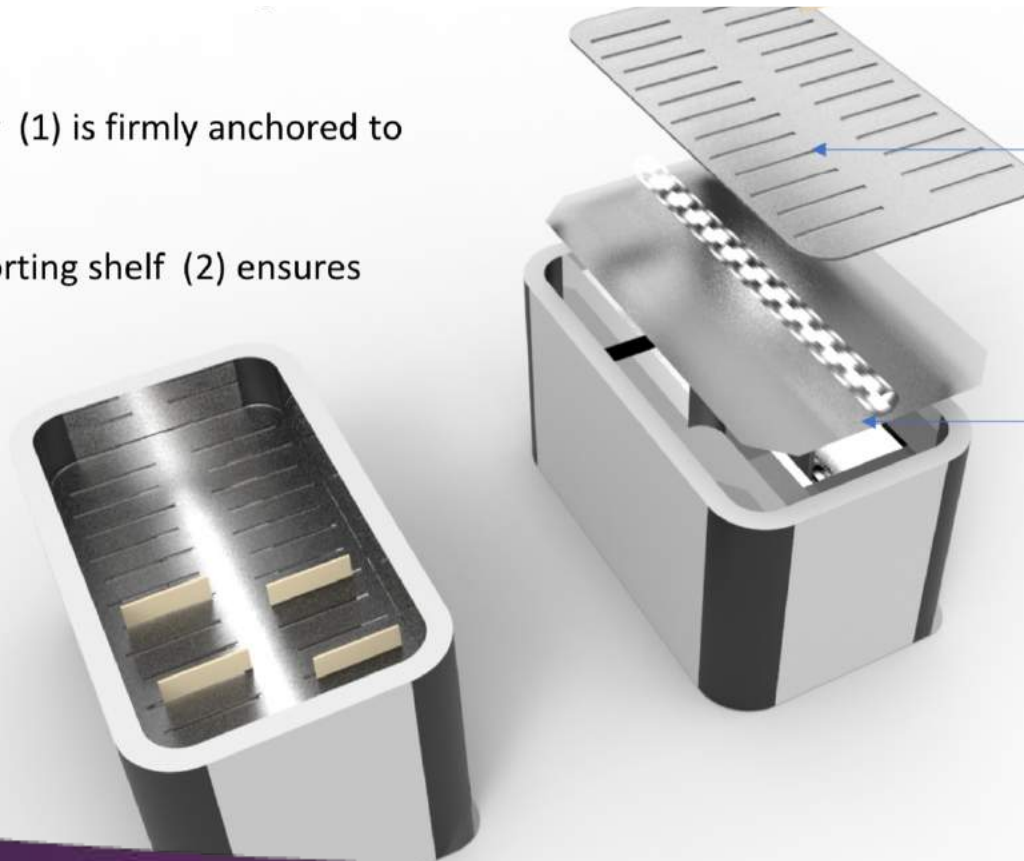


Accessories basket for small items

surfaces to be sanitized

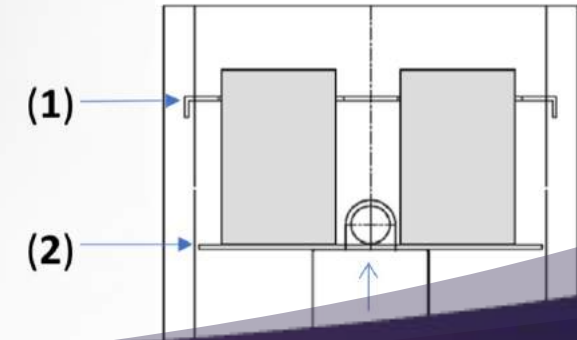
The perforated cards holder (1) is firmly anchored to the inner aluminum walls

The clear transparent supporting shelf (2) ensures that cards do not fall off.



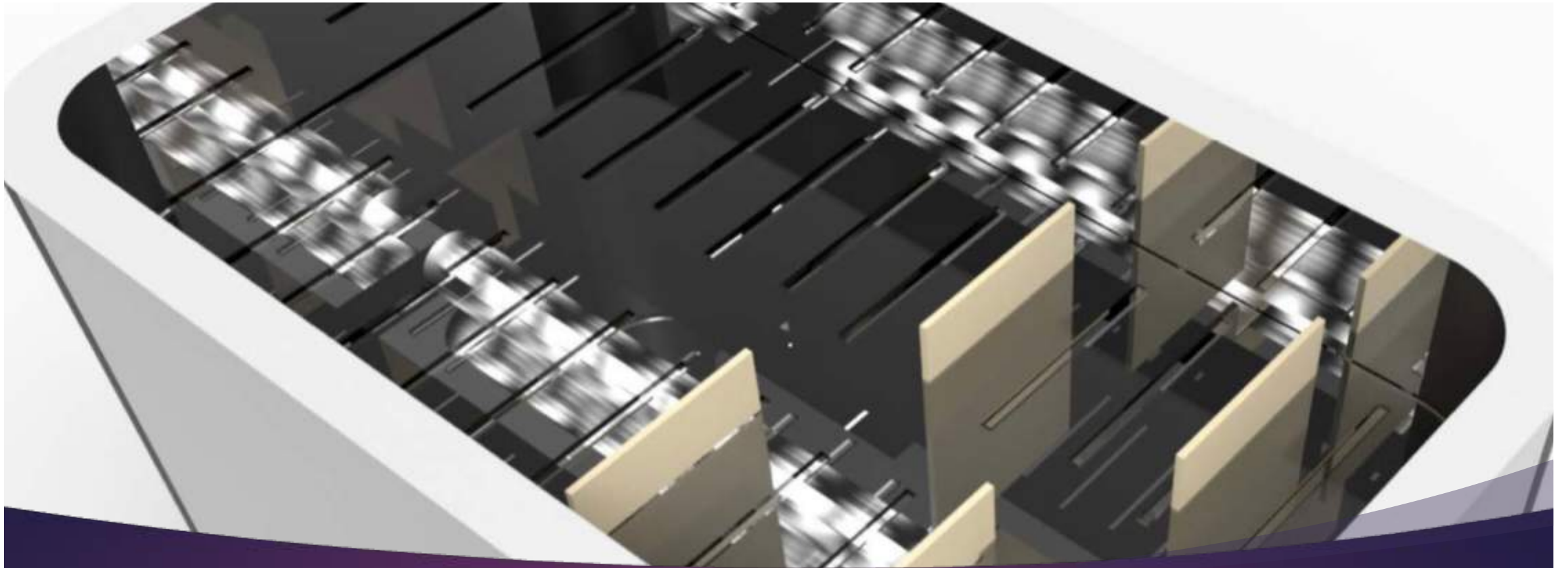
(1) Perforated cards holder made in UV-C permeable plexiglass (clear transparent plastic)

(2) UV-C permeable plexiglass support plate, positioned under the UV-C bulb



Pre-production image

Note: This image does not show the unit's Plexiglas safety lid



Showing rack to hold 30 cards

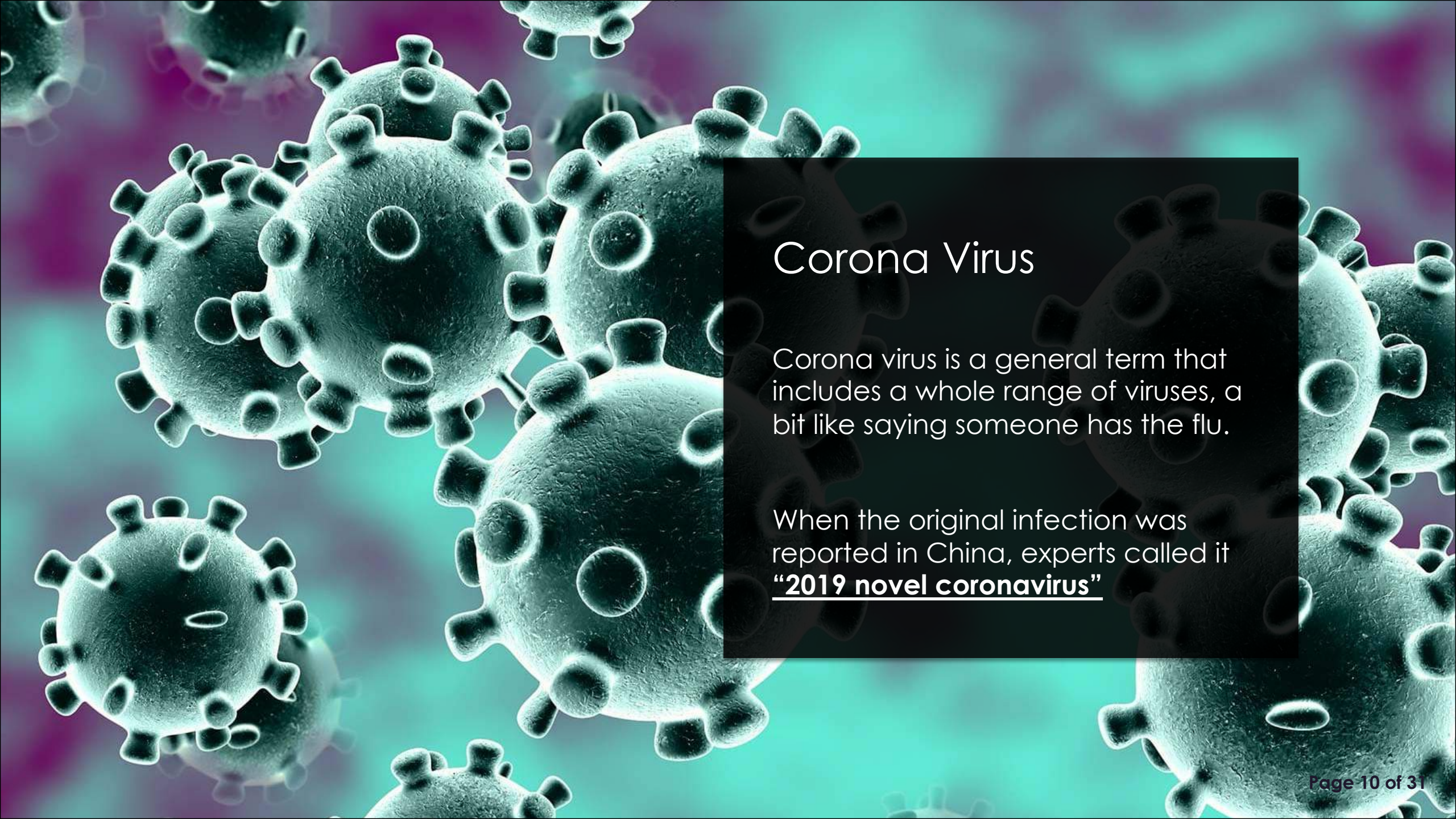
*Standard CR80 size

What is UV-C light ?

- ▶ It is one of the commonly known ultraviolet ranges.
- ▶ **There is UVA, UVB and UVC**
- ▶ **Of these three types, it is UV-C that has the strongest ANTIMICROBIAL AND ANTIVIRAL properties.**
- ▶ **A review of the latest evidence shows that UV-C radiation is a safe and effective preventative strategy for combating COVID-19**

An explanation of the following terms

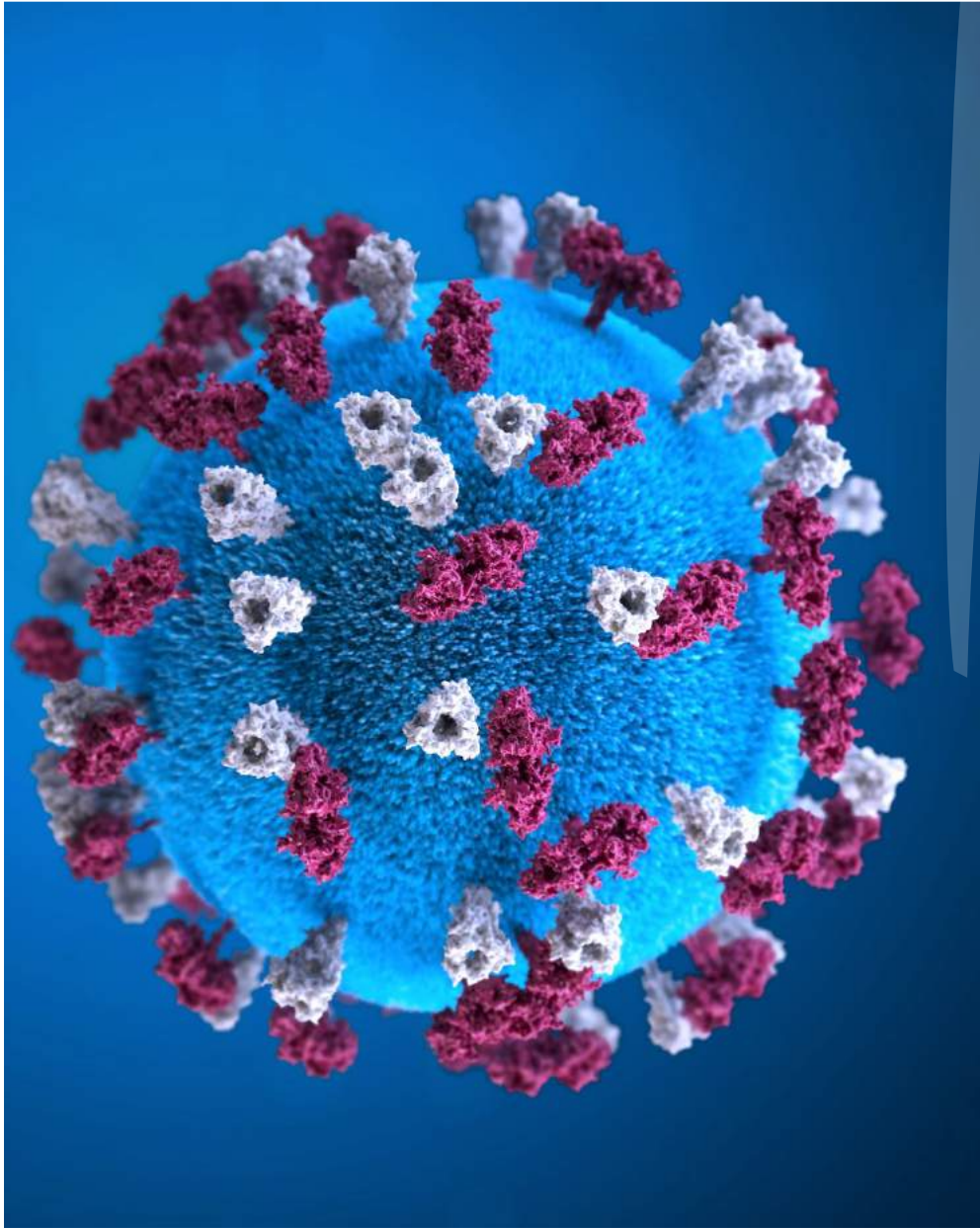
- ▶ CORONA
- ▶ COVID
- ▶ SARS-Cov-2

A background image showing several spherical coronavirus particles with prominent surface spikes, rendered in a blue and purple color scheme. The particles are of varying sizes and are scattered across the frame, with some appearing more detailed than others.

Corona Virus

Corona virus is a general term that includes a whole range of viruses, a bit like saying someone has the flu.

When the original infection was reported in China, experts called it **“2019 novel coronavirus”**

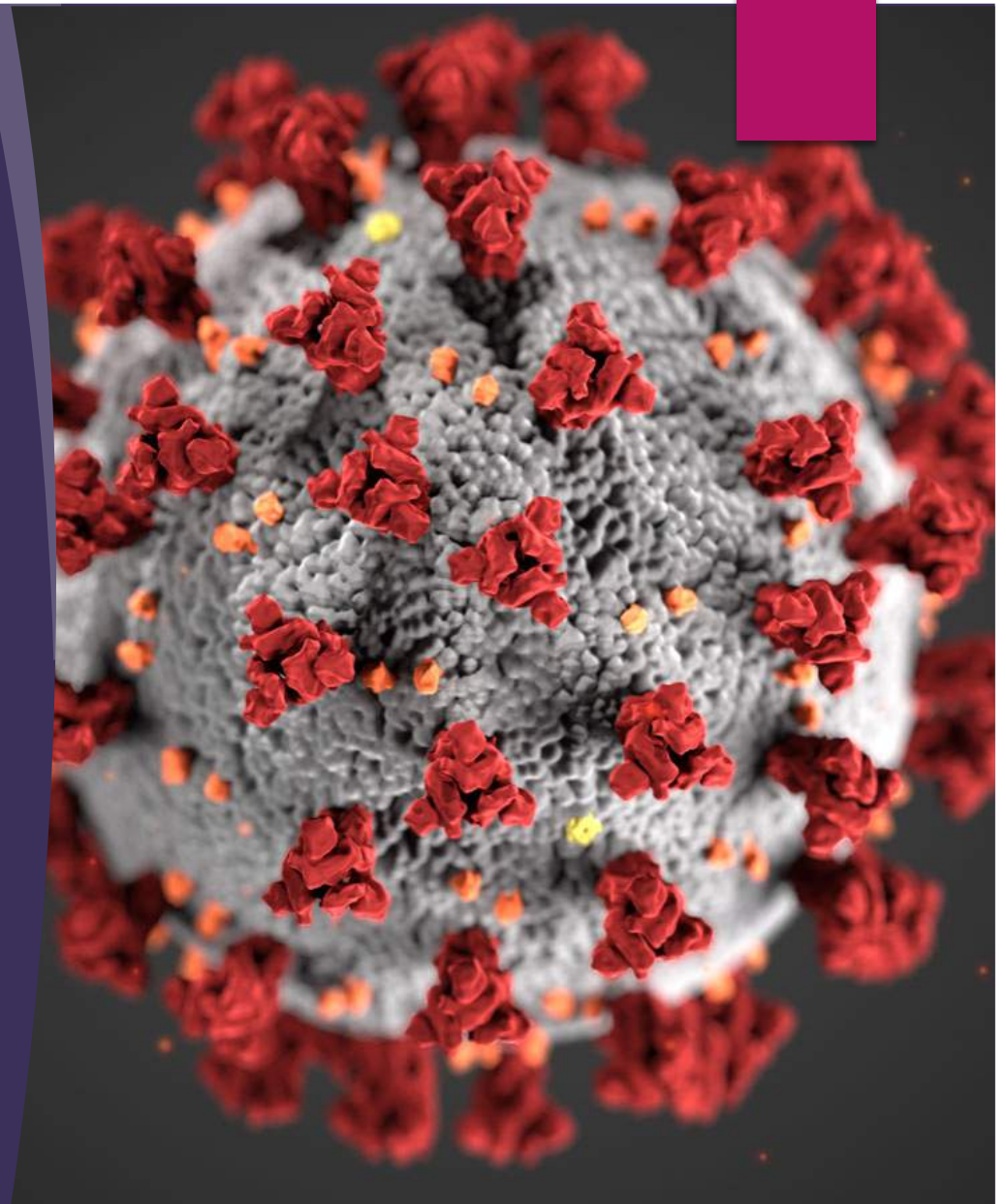


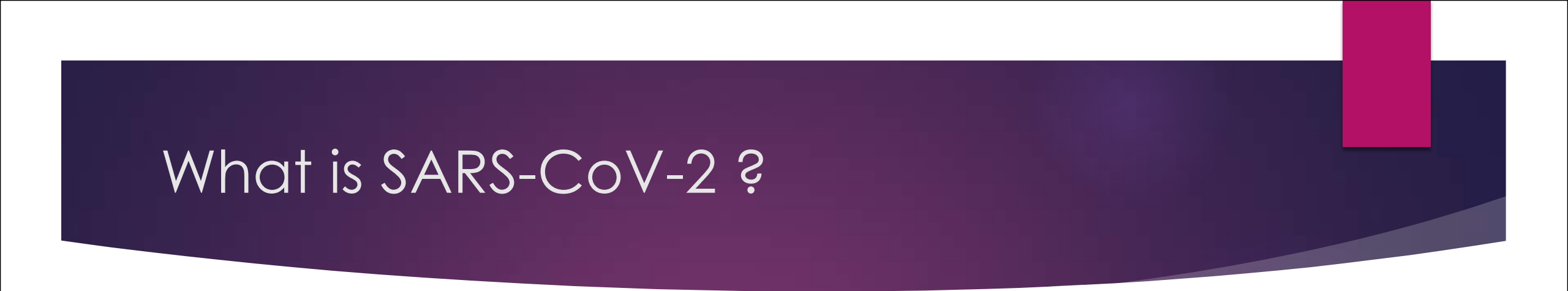
2019 novel coronavirus

This means a new coronavirus that had not been seen before.

As time went on, experts called it COVID-19

- CO stands for CORONA
- VI stands for VIRUS
- D stands for DISEASE
- 19 stands for the year it was discovered





What is SARS-CoV-2 ?

SARS-CoV-2 is the virus

Severe **A**cute **R**espiratory **S**yndrome **C**orona **V**irus **2**

It is the virus that caused COVID-19

COVID-19 IS THE DISEASE NOT THE VIRUS

Researchers have concluded ...

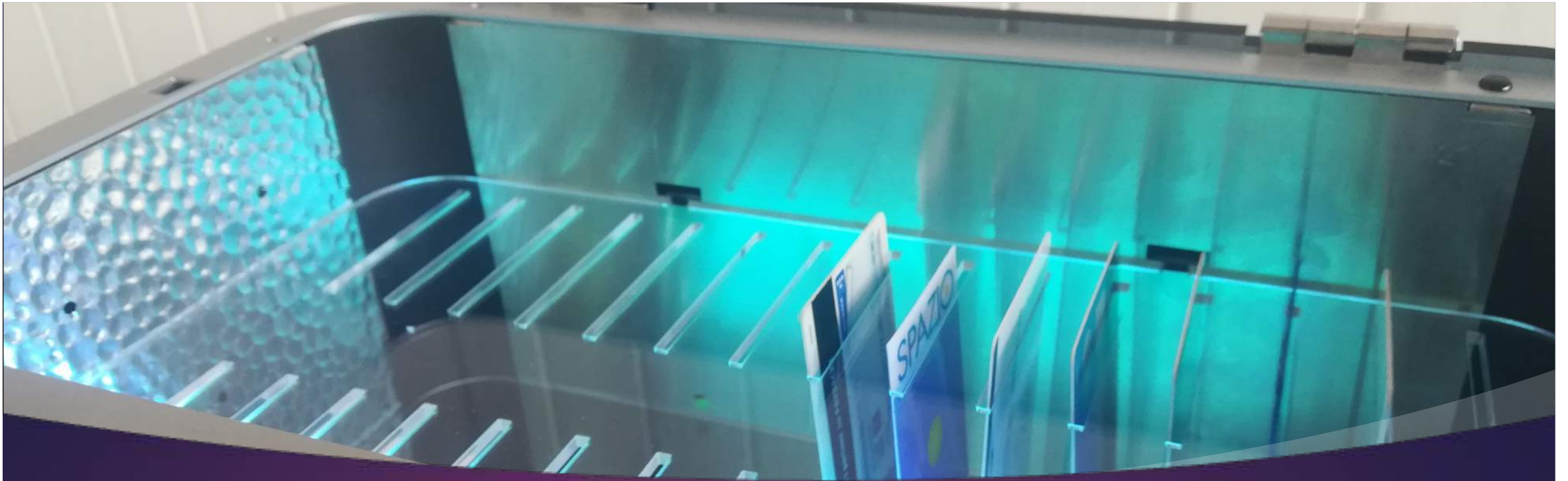
- that the SARS-CoV-2 Virus is **HIGHLY SENSITIVE** to UV and that UV-C disinfection would inactivate it.
- The **MAGIKOTE™ UV-C** unit has demonstrated a **Certified Lab Tested 99.9% reduction >COVID19**.
- These tests were carried out in November 2020.
- Tested by 3rd. party to ISO testing standards against E. coli and staph.



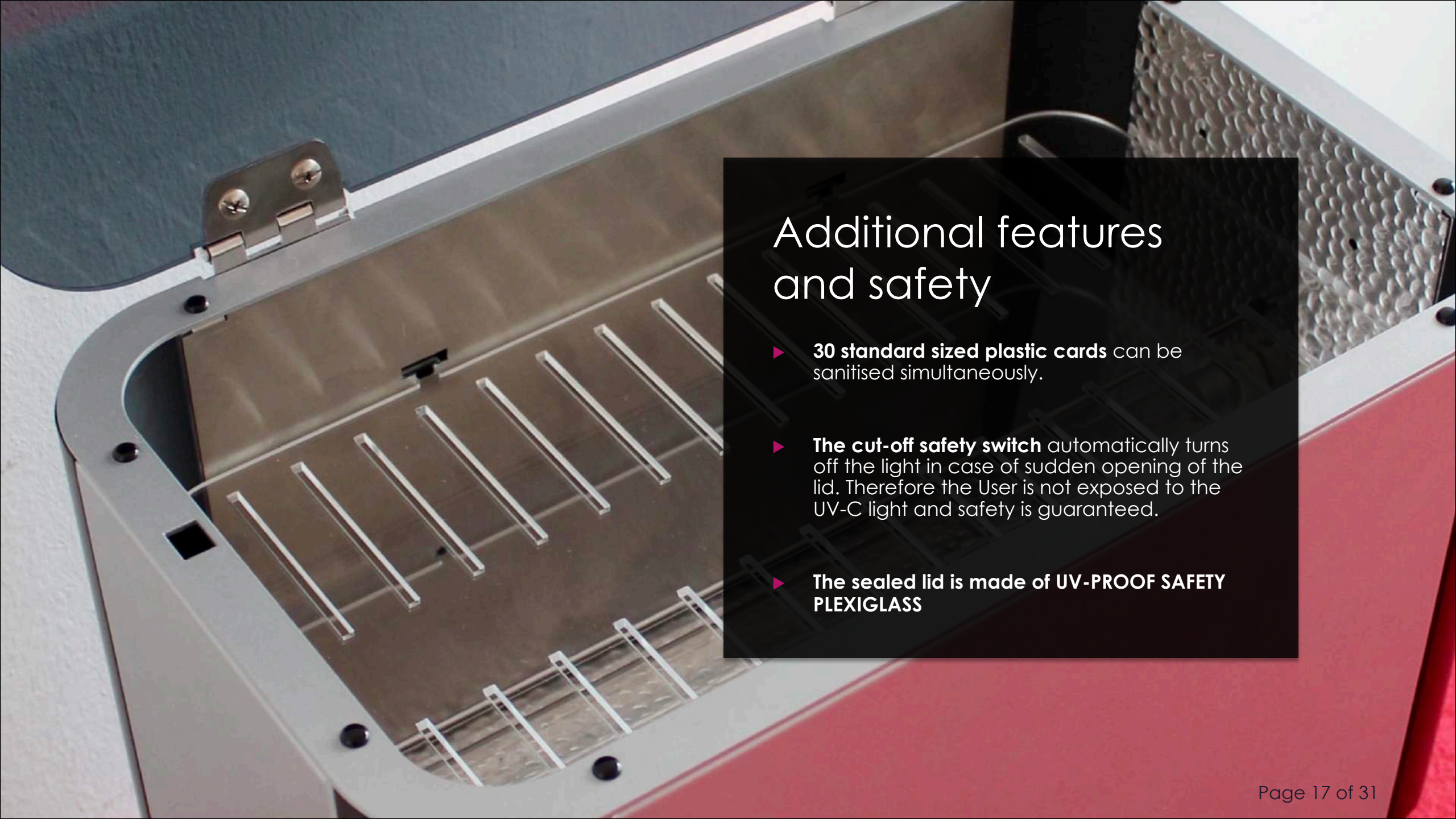
Laboratory tests carried out on the virucidal activity of the UV-C light box, for the sterilisation of small objects

- After 30 seconds of exposure against SARS-CoV-2_COV2019 virus, it showed an average reduction of 99.9%
- After 60 seconds of exposure against the bacterium E.Coli ATCC 8739, it showed an average reduction of 99.9%

E.Coli can cause diarrhoea, urinary tract infections, respiratory illness, pneumonia as well as other diseases.
- After 90 seconds of exposure against the bacterium Staphylococcus Aureus ATCC6538P it showed an average reduction of 99.9%
- Staphylococcus Aureus can cause boils, skin infections, bloodstream infections and bone or joint infections.



- ▶ It does not use water or other fluids.
- ▶ It does not need any chemicals or heat.
- ▶ It uses an **ozone-free** UV-C bulb, with high germicide power to destroy bacteria, viruses, spores, moulds and other micro-organisms or pathogens, by modifying their DNA.
- ▶ Germicidal power is maximised due to internal reflecting hammered and mirrored aluminium surfaces and the way the plastic cards are arranged in the specially designed transparent rack.
- ▶ Objects therefore have maximum exposure to the UV-C rays.



Additional features and safety

- ▶ **30 standard sized plastic cards** can be sanitised simultaneously.
- ▶ **The cut-off safety switch** automatically turns off the light in case of sudden opening of the lid. Therefore the User is not exposed to the UV-C light and safety is guaranteed.
- ▶ **The sealed lid is made of UV-PROOF SAFETY PLEXIGLASS**

How long does it take ?

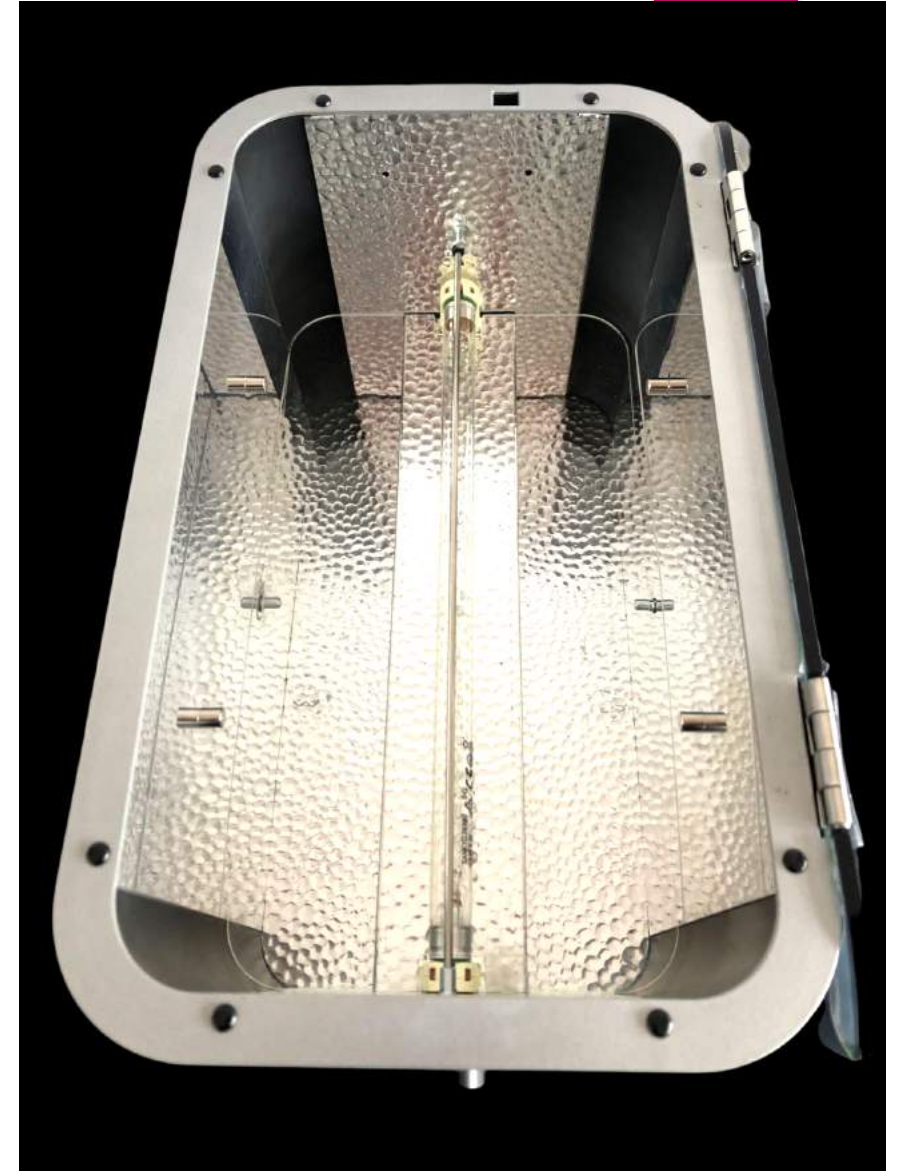
Between 10 seconds and 1 minute.

An electronic timer allows you to choose the sanitisation time between 10 secs and 1 min maximum, then the **unit has an automatic safety cut-off.**



Peak optimised performance

- ▶ An electronic ballast keeps the performance of the bulb constant and optimised for germicidal treatment and automatically turns off the bulb at the end of its effective life.
- ▶ Without this component, the bulb might be turned on, emitting a light, although it's wavelength might not be germicidal any more. (253.70nm)



WARNING:

**UV-C LIGHT
CAN BE
DANGEROUS**

- ▶ UV-C light can be dangerous if not used properly
- ▶ FULL INSTRUCTIONS WILL ACCOMPANY EACH UNIT
- ▶ UV light damages skin, so it should only be used on objects or surfaces



IMPORTANT NOTE

The MagiKote™ UV-Light Sanitiser does not directly protect the User from exposure to viruses or bacteria and it does not provide any additional health benefits.

You should NEVER use UV light to disinfect your hands or other areas of your skin, as UV radiation can cause skin irritation and damage to your eyes

Technical specifications

Max length	340mm	13.4"
Max width	210mm	8.3"
Max height	206mm	8.1"
Max weight	4.2kg	9.25lb
Feed voltage	230V-240V	120V
Max power	12W	10W
Bulb average life	5,000h (depending on the brand)	



Product Part Numbers:

- ▶ **UV-C Machine:**
 - ▶ Ref: UVCMAC11
- ▶ **UV-C Accessories Basket:**
 - ▶ Ref: UVCBASK22
- ▶ **UV-C Card Rack:**
 - ▶ Ref: UVCCARD33

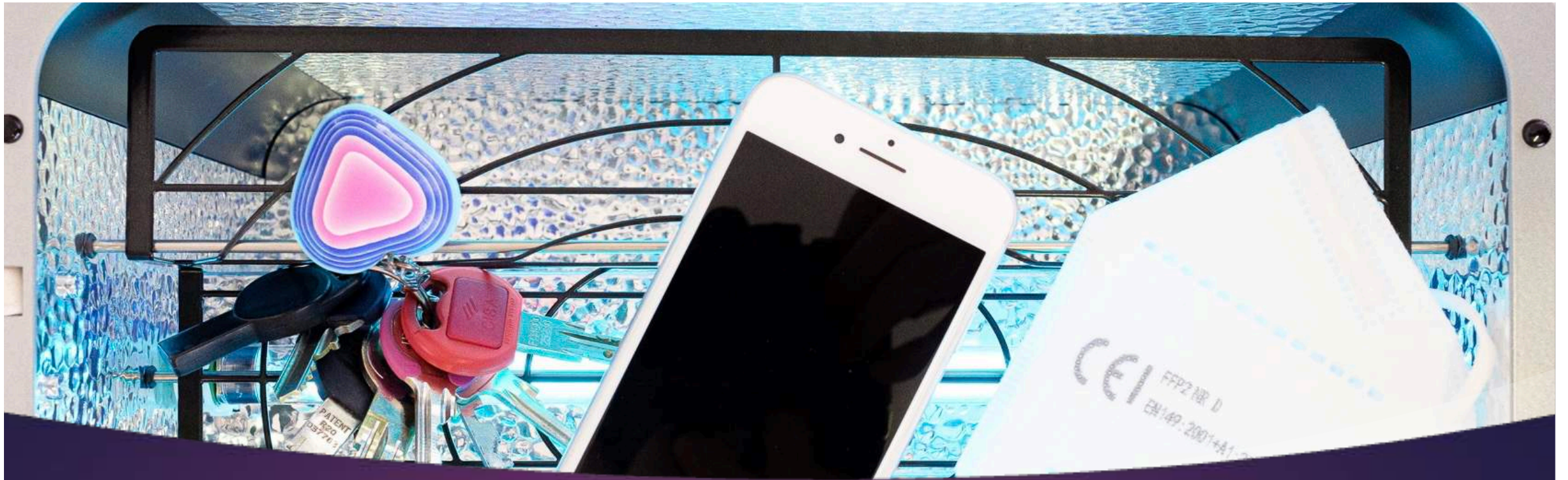
UNIQUELY DESIGNED

removable
30 slot card rack
with support plate.

Made from UVC permeable plexiglass.

► Ref: UVCCARD33

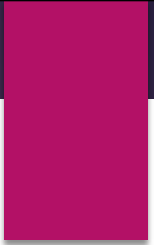




Removable Accessories Basket

Shown here with a random selection of small items.

► Ref: **UVCBASK22**



Safety standards assured

THE UNIT HAS ALL NECESSARY COMPLIANCE CERTIFICATIONS FOR CE, ROHS,
REACH AND EPA

Manufactured in the EU

WARRANTY

- ▶ An advantage of the MagiKote UV-C machine is that there is very little to go wrong if treated with respect and operated in line with the manufacturer's guidelines for use.
- ▶ The machine comes with a 12-month warranty on a back to base arrangement.
- ▶ For more information concerning the warranty, please contact us through our website:

www.magikote.com

TARGET MARKETS – a few suggestions

Hospitality & Health

HOTEL KEY-CARDS & DOOR ACCESS PASSES

Key-cards are rarely cleaned and are handled by hundreds of guests.

The compact size allows the unit to be placed in many convenient locations and can give Front Desk tangible proof of your commitment to hygiene and peace of mind for guests and staff.

Small items

ID cards, Name badges, TV Remotes and conventional door-keys.

Frequently handled objects, such as face-masks, cell-phones, jewellery wristwatches, sunglasses and small items of stationery such as ball-point pens, office calculators, computer mice, notebooks, USB flash sticks and small hand tools like screwdrivers, scissors etc.

Car, Van & Truck Rental

Ignition keys can be sterilised for each new customer.

Garage Service personnel can now hand over sterilised car keys.

Barbers & Hair Salons

Scissors, brushes and combs can all be sterilised in seconds.

The MagiKote Sanitiser is a powerful marketing tool that can give you a competitive edge.

It is said that a hotel keycard is like “a guestbook of germs”

Our MagiKote UVC Sanitiser
with remove-able 30-slot card-rack is

the simplest
the quickest
and the most cost-effective way

to protect guests AND staff from the invisible
bio-film of germs on frequently handled key-
cards and other small items.



A sanitised key card for every guest
checking in.

Finally

Thank you for your interest
in the MagiKote UV-Light
Sanitiser.

For any further information
please contact us.



The logo features the word "MagiKote" in a large, white, sans-serif font with a subtle drop shadow. Behind the letters "M", "a", and "K" are large, stylized, light purple letters that appear to be "UV". To the right of "MagiKote" is a small "TM" trademark symbol. Below the main text, the words "UV-Light Sanitiser" are written in a smaller, blue, sans-serif font. The entire logo is centered on a black rectangular background.

MagiKote™
UV-Light Sanitiser