



Safe line

#Iworksafely

SAFETY SOLUTIONS FOR DENTAL SECTOR



Covid-19: Safety solutions for dental sector.

RELIABILITY PROFESSIONALISM SAFETY

Reliability, professionalism and safety are the three most important factors that, today more than ever, each dental clinic has to guarantee to their patients and employee.

Every day dental clinics apply safety procedures to avoid every kind of airborne disease contamination, but to face a disease as resistant as the Covid-19, it is necessary to apply new and more restrictive measures.

1. Prevention starts from the moment the patient fixes an appointment.
2. Anything can retain germs must be stored in drawers.
3. It is fundamental the use of specific disinfectants.
4. To preserve safety, it is important to constantly evaluate new technologies

During a health emergency situation such as we are experiencing, it is not easy to develop ideas that can make an effective contribution to fighting it without taking any chance to be called as "speculators". We believe that, is the duty of every company to use all its financial and human resources in order to find and propose solutions to face the emergency represented by the Covid-19.

Respecting professional ethics rather than pursuing profit objectives, at the beginning of the emergency, Tecnomed Italia started working on the development of new products line and on a safety protocol dedicated to dental clinics. Products are presented on the following catalogue.

The solutions and procedures presented are elaborated and updated by Tecnomed Italia, referring to the current precautionary principles formulated by the competent bodies (Technical Scientific Commission of Ministry of Health, in collaboration with FNOMCeO, CAO, CIC, ANDI and SIdP), as aid for dental professional activity.

*Always with you
Tecnomed Italia Staff*



COVID-19 STANDARDS FOR DENTAL ACTIVITY

Virus Transmission

The virus is easily transmitted from person to person via saliva, both by inhalation / ingestion / direct mucous contact with droplets, and due to mucous contact with saliva on hands, objects or surfaces that had contact with infected saliva during 2-9 previous days. Salivary aerosol and oral-fecal transmission are also possible. The virus has affinity for a receptor present in the cells of the respiratory tract and in the ducts of the salivary glands. Every drop of saliva is potentially capable of transmitting the virus; this means that rinses with antiseptic mouthwashes can only reduce the infection but are not able to eliminate the virus in the saliva produced after the rinses are finished. "

Rules for patients at the dental clinic and before

1. Begin the patient screening by telephone and finish it at the dental clinic, possibly by measuring the temperature with a contactless thermometer.
2. Recommend to patients to keep cellular, coats and tablets outside the clinical area, while bags and backpacks can be brought into the clinical area of previously inserted in plastic closed bags.
3. Entering to the dental clinic enter the office, patients have to wash / disinfect their hands and don't shake anyone hand.
4. Where possible, patients should also wear disposable shoe covers
5. Ventilate the room very frequently

Even if not contemplated in these guidelines, wearing masks is always suitable to avoid the transmission of droplets of saliva, the main transmission vehicle of the virus.

Lastly, as shaking someone hand or touching various surfaces are instinctive gestures, patient should also wear protective gloves after disinfecting the hands.

- EXTRACT FROM COVID-19 STANDARDS FOR DENTAL ACTIVITY



What the future holds

The investigations carried out by various research and statistical institutes respect to dental care have shown that citizens have a great fear for the risk of contagion.

Furthermore, the same investigation raises the following questions

How long will it take for everything to go back to the way it was before? Will it return as before?

- When the emergency will end and when will dental clinics be reopened?
- What treatments can be immediately performed? May only urgent treatments?
- How long will it take before patients overcome the lock-down shock and return to the dentist with serenity?

At the moment the future cannot be defined objectively because it depends on how long will activities closed and on the financial supports that will be available.

It is possible that after this emergency phase, as the disease will continue to be in circulation for many months pending the vaccine, there could be greater attention of citizens.

So, it is necessary for dentists to demonstrate to patients all the new safety solutions adopted in their dental clinics, so minimizing the risks and eliminating the patients' fears.

A line of devices and solutions for
biohazard safety.



STATIONS
MY SAFETY ZONE
PAG. 8



AIR DISINFECTION MACHINES
STERIL FAN
PAG. 20



SMARTPHONES STERILIZER
UV-SMART
PAG. 24



TERMOMETER
TECMOTEC PRO
PAG. 25



Safe line



SKUDO™
PAG. 28



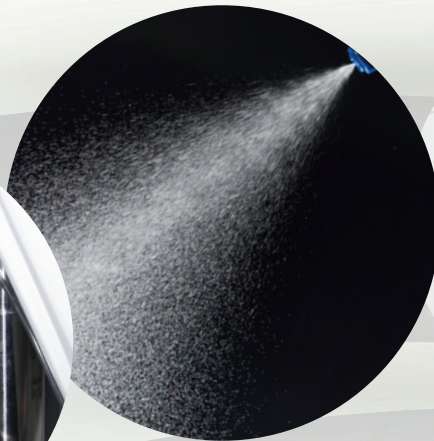
SAFETY BARRIERS SAFETY
SHIELD
PAG. 30



GLASSES
M GLASS
PAG. 31



DENTAL UNIT WATER CIRCUIT
DECONTAMINATION
PAG. 32



SPACES DISINFECTION
PAG. 36



SURFACES DISINFECTION
PAG. 38





my Safety Zone^{pro}

To secure the working area



According with the COVID-19 STANDARDS FOR DENTAL ACTIVITY guidelines and recommendations, My Safety Zone pro allows getting and digitally storing the patients screening since their reception at the waiting room, in order to protect them and the dental clinic staff.

My Safety Zone pro is a station to place at the clinic entrance that indicates to the patients the procedure to follow in a very easy way. It is an obligatory step which communicates to the patient all the hygiene and safety measures adopted by the dental clinic, so conveying confidence and safety.

Furthermore, My Safety Zone pro, can be combined with Steril Fan equipment, an air recirculation system with forced sterilization that uses UVC technology (read more on page 20), very useful in case of difficulty or impossibility in airing sufficiently the waiting room.

Steril Fan is available in different versions depending on the waiting room size (from 30 m² to 60 m²)



Features

- Tear-off bags dispenser with roll holder
- Gloves, Masks and shoes cover dispenser
- Automatic hands disinfectant dispenser compartment
- Waste compartment with metal bag holder
- Link for patient screening digital file
- Dimensions 510x470x1440mm (lpxh)
- Packaging Dimensions 800 x1200x 400 mm (lpxh)
- Supplied disassembled with assembly kit
- Assembly time: 5 minutes

The procedure in graphic sequence

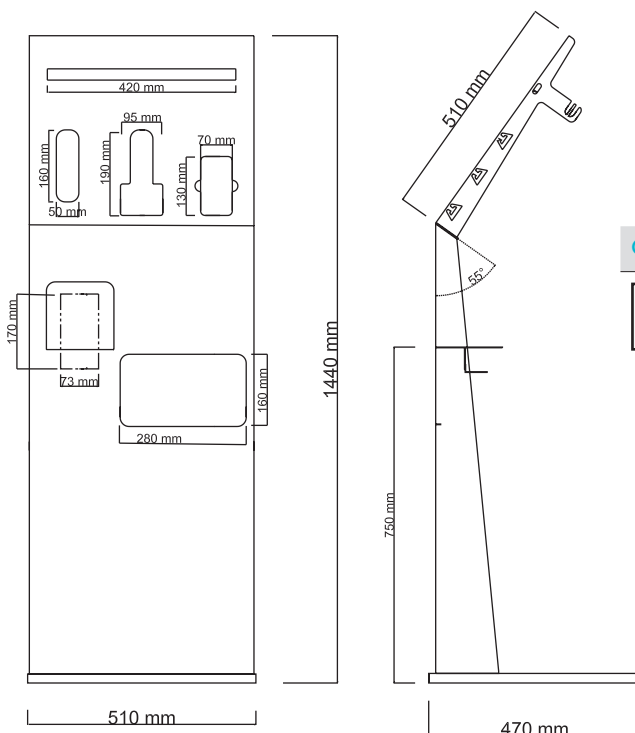
The Visual indications are clear and unequivocal so that everyone can immediately understand the actions to be performed.

The kit includes 5 stickers to stick on the My Safety Zone pro panel. The chronological order of the 5 steps will be decided by the dental clinic after careful consideration of risks analysis based on regional regulations and guidelines of reference.

It will always be possible to modify the chronological sequence by removing and repositioning the stickers



Dimensions

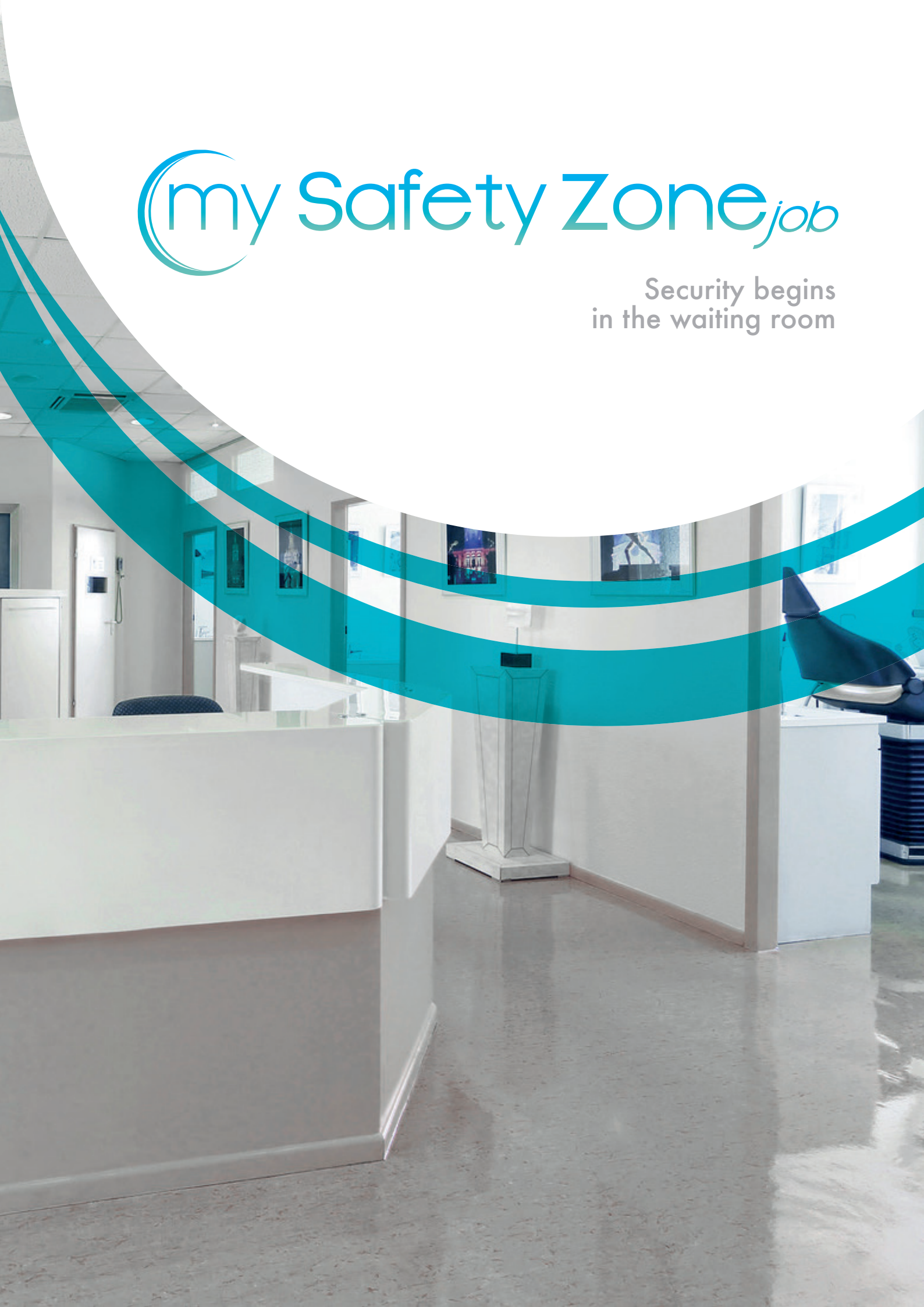


Color	Code	Product
	DE2000BML	My Safety Zone pro Totem in metal sheet and white color



my Safety Zone_{job}

Security begins
in the waiting room

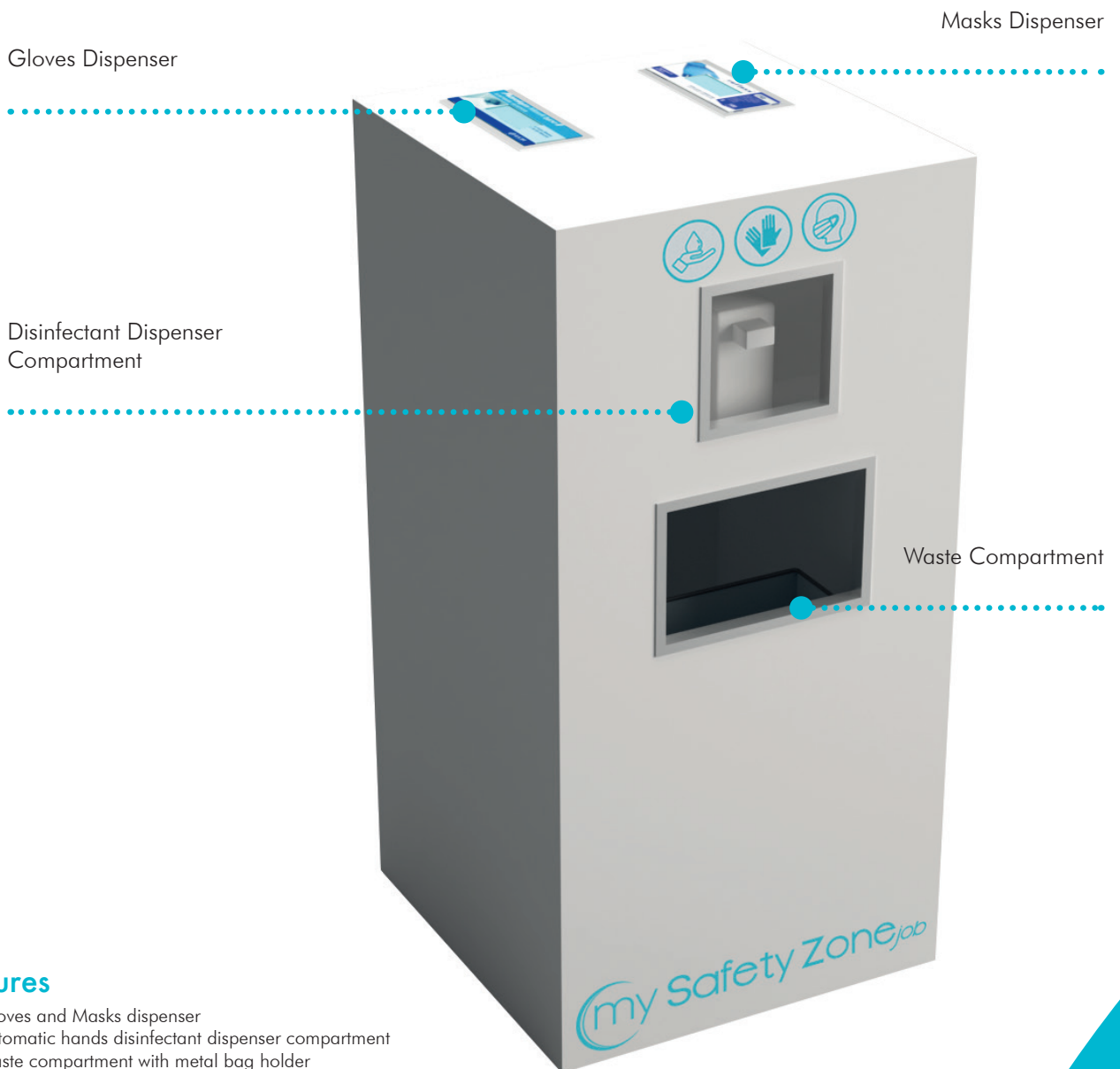


my Safety Zone_{job}

My Safety Zone job is been designed to be placed in any kind of space frequented by people and it is perfect for any kind of working sector, whether dental or not.

With its soft design, it is composed by gloves and a masks dispenser on the top and a disinfectant dispenser compartment and a waste compartment on the frontal side.

My Safety Zone job is the easiest and most effective solution to guarantee the availability of personal protective equipment (PPE) at any moment and in any kind of space like shops, offices or waiting rooms. Made in melamine material, it is available in 5 colours: white, black, grey, beech and walnut.



Features

- Gloves and Masks dispenser
- Automatic hands disinfectant dispenser compartment
- Waste compartment with metal bag holder
- Dimensions 500x500x1000 mm (lpxh)
- Packaging Dimensions 600x500x300 mm (lpxh)
- Supplied disassembled with assembly kit
- Assembly Time: 15 minutes

*An efficient product,
perfect for any kind
of space and design*



The procedure in graphic sequence

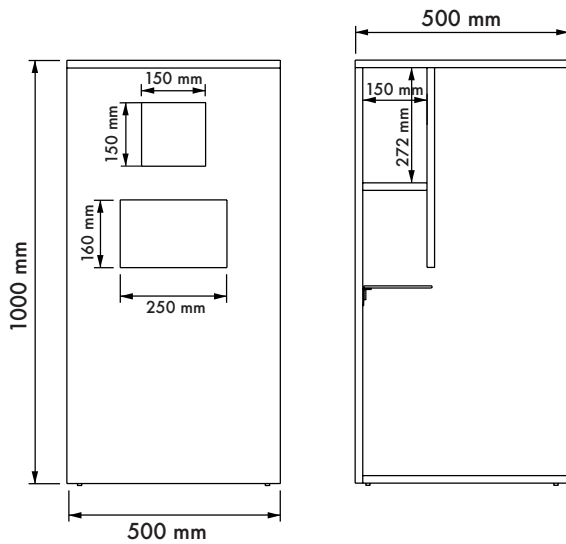
The visual indications are clear and unequivocal so that everyone can immediately understand the actions to be performed.






The kit includes 3 stickers to stick on the My Safety Zone job panel.

It will always be possible to modify the chronological sequence by removing and repositioning the stickers.



Dimensions



Color	Code	Product
	DE2000BPL	My Safety Zone job Totem in white colour melamine
	DE2011NPL	My Safety Zone job Totem in black colour melamine
	DE2022GPL	My Safety Zone job Totem in grey colour melamine
	DE2033FPL	My Safety Zone job Totem in dark wood colour melamine
	DE2044NPL	My Safety Zone job Totem in light wood colour melamine

ACCESSORIES

In addition to the traditional accessories like latex gloves, masks and shoe covers, My safety Zone Totems can be completed with more accessories and specific complements.

DISINFECTANT DISPENSER

The special dispensing system that converts the liquid to foam reducing waste by 50%. The foam disinfectant is very soft and spreads better on the hands ensuring optimal hygiene.

It is provided of infrared sensor technology (hand detection distance of 0-5 cm) with ultra-fast dispensing time of only 0.25 seconds.

Features

- Infrared Sensor
- Dimensions: 73x73x190mm (lpxh)
- Batteries 4x1,5 V type AA excluded

Code	Product
DE2000B.7	Hands disinfectant dispenser 350 ml waterproof, with sensor.



SANITIZER & HANDS DISINFECTANT

Products ready to use for hands sanitization (AMIGEL) or surgical disinfection of hands and forearms

(GREEN & CLEAN HD METASYS).

Instruction for use: apply 3 ml of product on dry hand palm and rub for 30 seconds on hands and forearms.

No water is needed to be removed.

Combining it with an infrared sensor or an elbow lever wall dispenser it is possible to avoid crossed contaminations.

Features

- The valuable Alcohol prevents the skin from drying out
- Fragrance-free
- Maintains the natural Ph of the skin

Code	Product
DIS0250G	Sanitizer Gel for hands AMIGEL, bottle with dispenser, 250 ml
DIS5000L	Hands sanitizer AMIGEL, 5 liters
60030063	Hands disinfectant GREEN & CLEAN HD METASYS, 5 liters



SAFETY SHEET



SAFETY SHEET





Sterilizer UVC for smartphones

In compliance with the guidelines and recommendations "COVID-2019 RULES FOR DENTAL ACTIVITY", patients and dental operators should leave mobile phones outside the clinical area or put them inside bags previously wrapped.

A recommendation that could be difficult in its application for needs of availability by some patients or by the dental staff.

A problem that Tecnomed Italia solves with the UV Smart.

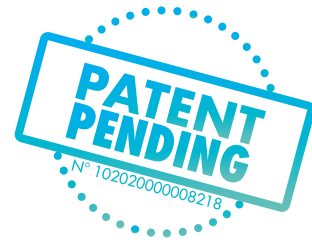


Features

- Sterilizer UVC for smartphones
- Rechargeable via external USB port 5V 1A
- Internal usb port for smartphone recharge
- Action time required: 10 minutes
- Microbiological killing 99%
- Wavelength 254 nm
- Rechargeable via usb port 5V 1A
- Internal dimension 180x98x22 mm
- Weight 300g

Code	Product
DE2044	Sterilizer UVC SMART





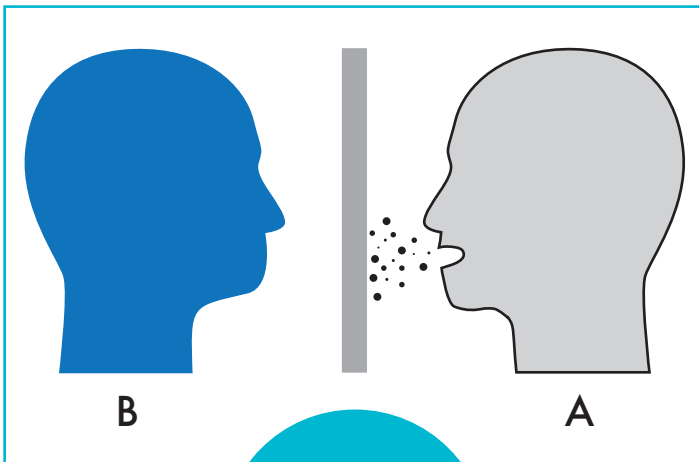
The invisible barrier against aerosols

How to defeat the bio-aerosol high polluting factor produced by dynamic instrumentation.

The recent Covid-19 transmission risk recommendations, which incorporate the so-called “standard precautions”, suggest to realize only urgent therapies and that have to be taken the most effective precautionary measures regarding protection from aerosols (with a high contaminating effect) and to avoid use of rotating or vibrating instruments. In addition, they suggest strengthening the protective measures with specific devices.

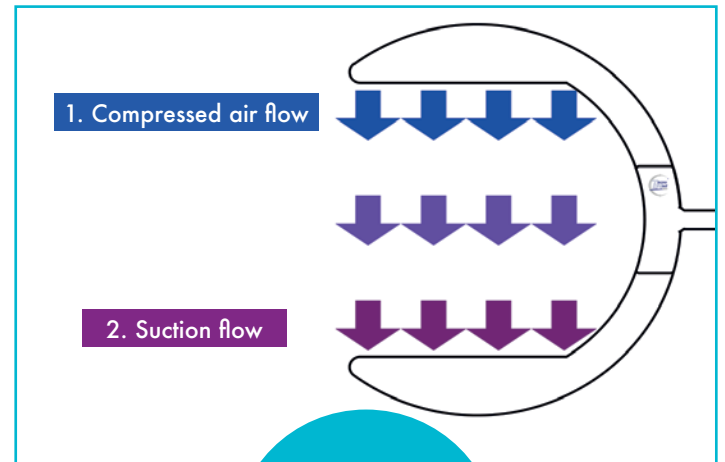
Currently there are various practices such as the dam, the second suction and the use of a plexiglass screen. However, all of them have limitations: the dam cannot always be used and operating with the second suction is sometimes complicated and the plexiglass screens, once reached by aerosols and humidity, do not make optimal the vision of the operating field.

Tecnomed Italia responds to these problems with SKUDO: a practical, unique, ergonomic and effective solution to achieve the maximum aerosol protection barrier.



WHAT IS IT FOR?

SKUDO is a device designed and patented by Tecnomed Italia mainly for dental use but effective also in any other sector where it is necessary to be protected from aerosol flows that are a high potential carrier of transmission of germs, bacteria and viruses. The aerosol flow in dentistry is generated by rotating or Piezoelectric instruments.



HOW DOES IT WORKS?

SKUDO uses the principle of wind blade or air barrier. SKUDO is been designed with an arched structure very easy to control and it is positioned to hold the patient head without touching it (from head to chin, or from one cheek to another).

From one half side of the arch, thanks to a connection with the compressed air, it comes out a continuous flow of air which is sucked in by the opposite half side that is connected with surgical aspiration.

In this way it is generated an invisible “air barrier” which eliminates the aerosol rich in pathogenic particles and that are collected with the surgical suction of the dental unit. An effective solution which in no way obstructs the vision of the operating field, while ensuring comfort to patients.

UNIVERSAL

SKUDO is easily applied on every headrest; you just have to remove it from the seat and then reposition it after "threading" it in the present buttonhole in the support of SKUDO



Code

Product

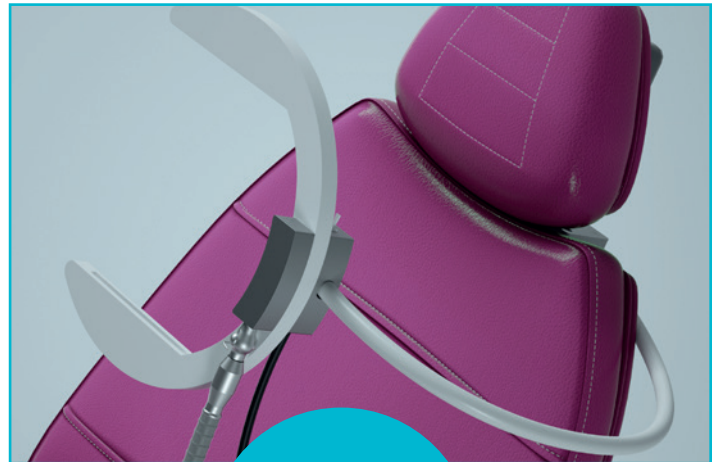
DP2003S

Aerosol protection device SKUDO



WHERE IS IT PLACED?

On the SKUDO support is fixed a 90 cm long flexible arm, which can be fixed - without any positioning limitation- near the oral tube of the patient without obstructing the dental treatment.



HOW IS IT POWERED?

When there is a high production of aerosols, as for example during oral hygiene interventions, it is necessary to connect the pneumatic supply to the water system, via quick coupling and insert the surgical cannula in the appropriate fitting.

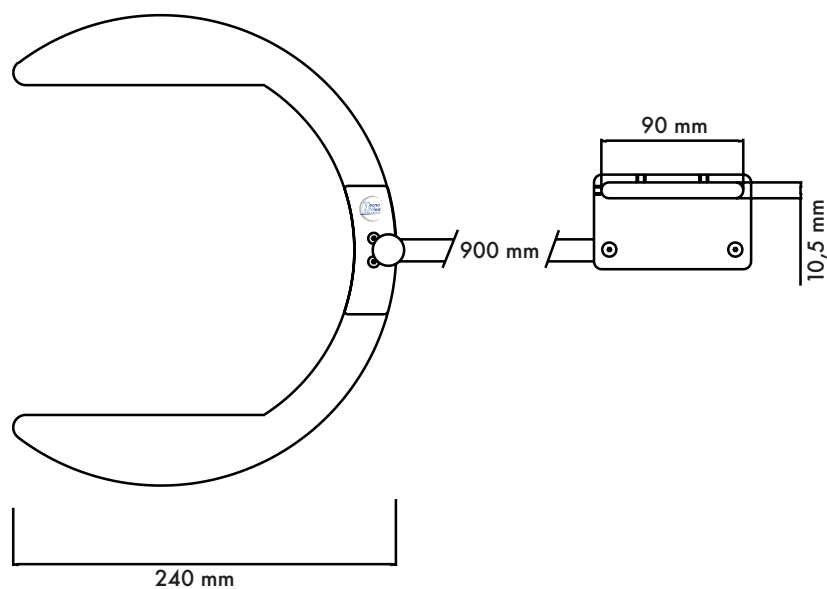
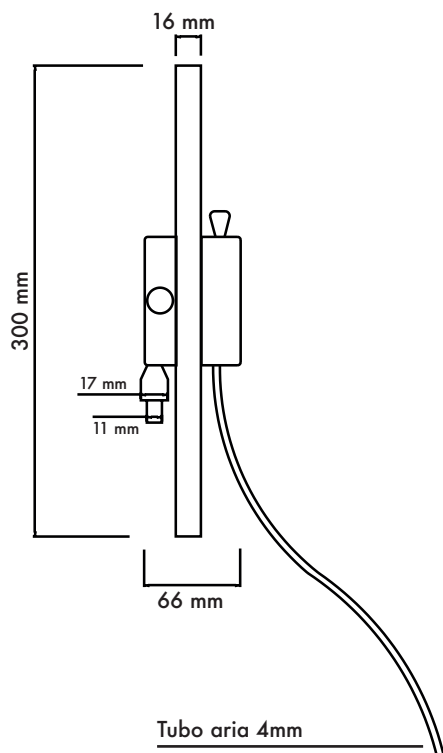
The use of the two power supplies guarantees the functioning of the air blade so creating a 100% effective barrier. The compressed air flow is activated with switch located on the side of the head.

SKUDO™



SKUDO™ DATA SHEET

Code	DP2003S
Head diameter	300 mm
Flexible arm length	900 mm
Corner joints	180°
Minimum operating air pressure	3 bar
Minimum suction depression	180 mbar
Air blade size	H 210 x L 150 mm
Collar buttonhole size	90 x 10,5 mm
Weight	2 kg
Head material	White plexiglass /anodized aluminium
Suction tube connection	Universal connector, big or small cannula
Power	Pneumatic (with tube and quick coupler included)
Certificate	93/42 CEE, Class I

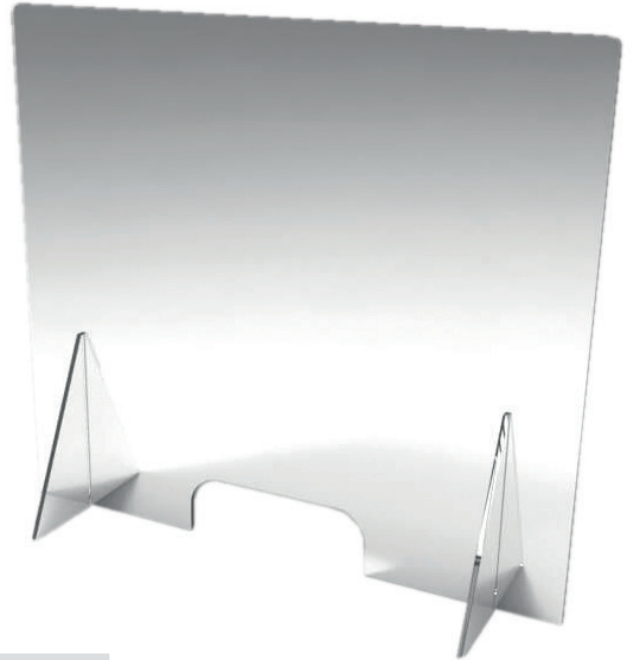


Safety Shield

Patient management at reception and paperwork administrative are also part of those practices where it is necessary to adopt all prevention measures against the risks of contamination.

The simplest system is called Safety Shield, a baffle protective barrier to be placed on the reception desk or on the desk. Made of 4 mm plexiglass, it has a high transparency and rigidity. The lateral pedestals make it stable and easy to position.

The lower handrail opening, 10 cm long, easily allows the exchange of documentation and of administrative procedures. Safety Shield is 60 cm height and is available in 2 different lengths.



Code	Length	Height	Thickness
DP2001	500 mm	600 mm	4 mm
DP2002	1000 mm	600 mm	4 mm



Tecnomed for the social

Social is a topic to which Tecnomed has always been sensitive. Our mission is always been the same: to help!

The Covid-19 state of emergency has unfortunately increased the multitude of people who need help or financial support, so we want to continue our solidarity actions.

That is why we have decided to donate part of the revenues derived from the sale of these items to the Civil Protection. Monthly donations will be published monthly on our Facebook page.

We will continue working to make the difference.

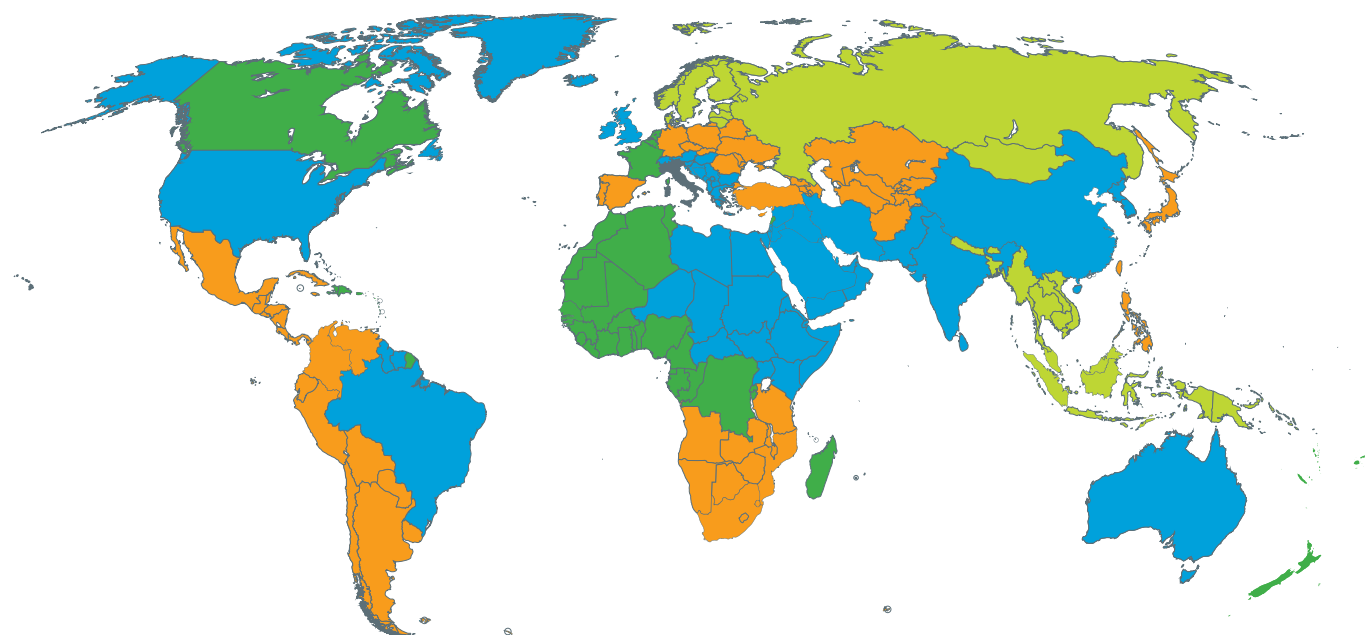


TECNOMED ITALIA

in the world

Are you a medical practitioner? Contact us to find your nearest distributor!

Are you a dealer? Do you want to work with us? Contact us to learn more!



LAURA MANNA

AREA 1: sales1@dentastec.it

AREA 4: sales4@dentastec.it



GIACOMO PIERBATTISTI

AREA 2: sales2@dentastec.it

AREA 3: sales3@dentastec.it



SPECIAL SALE CONDITIONS

The conditions dictated in this period of national health emergency by the ministerial decrees and the subsequent changes, in particular for the PPE category, could create lack of stock.

Availability and prices are visible only on our e-commerce www.dentalastec.it after logging in.

We advise you to book the desired quantities even if the product will be available only on the date indicated.

The available goods are normally delivered in 48 hours. Please pay attention to the order confirmation, the conditions of sale for the products in this brochure may vary from those in place.