



CARLO DE GIORGI
THE EXCELLENCE OF CHOICE



THE FUTURE

DEPENDS ON WHAT WE DO TODAY!

ENSURE MAXIMUM PROTECTION

SPECIAL EDITION COVID-19

The new Coronavirus is a respiratory virus that mainly spreads through close contact with an infected person. The primary way of transmission is by entering in contact with the droplets of the breath of infected people through: saliva, coughing and sneezing, direct personal contact or touching the mouth, nose or eyes with contaminated (not yet washed) hands.

protection is urgent

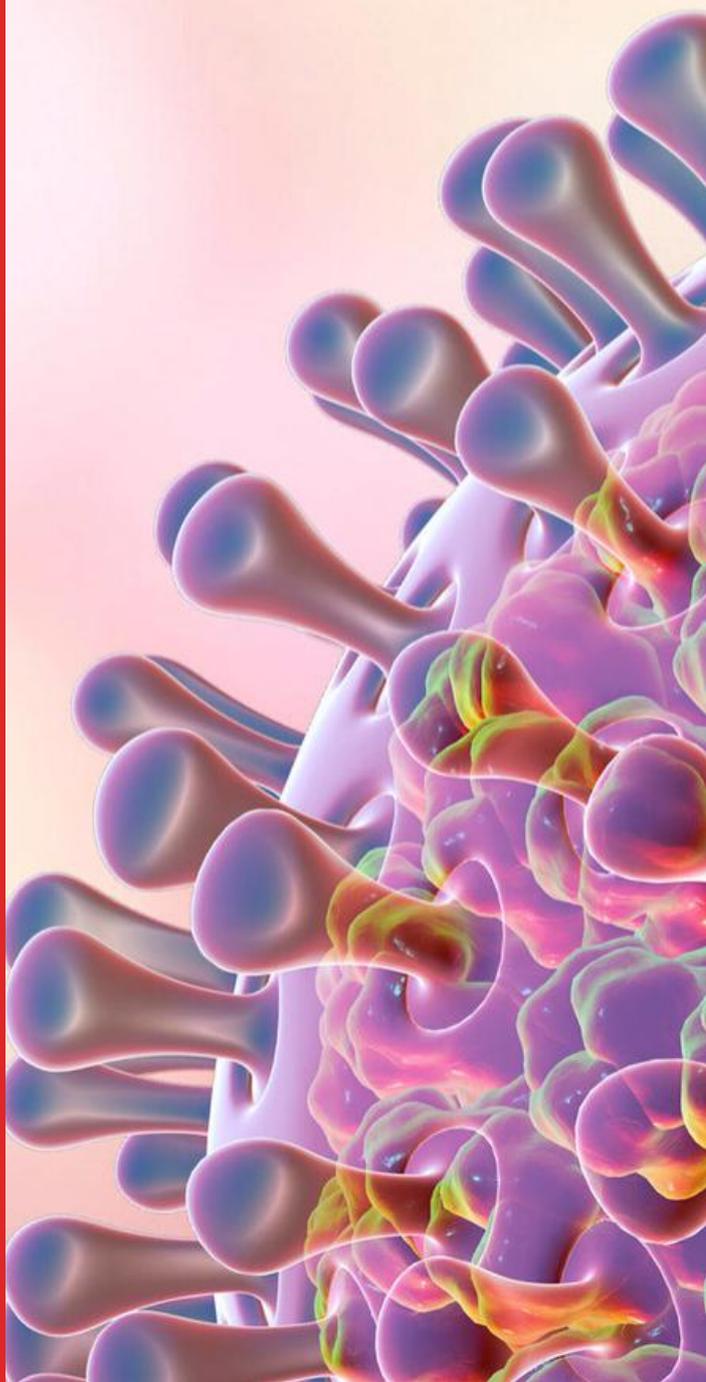
Prevention is necessary in order to reduce the risk of infection, protecting oneself and others, following specific safety measures.

In accordance with the regulatory protocol to protect the health and safety of workers from possible contagion from new coronavirus and ensure the health of the work environment, companies must implement all the conditions of hygiene and safety within their places of work.

Personal Protective Equipment (PPE)

If the working activity requires an interpersonal distance of less than one meter and there aren't other organizational solutions, the use of masks and other protective devices (gloves, goggles, overalls, headphones, protective suit) conforming to the scientific and health authorities is strictly necessary.

Source: www.salute.gov.it/nuovocoronavirus.



We remain close to our customers to ensure continuous security

Since our company Carlo De Giorgi was founded in 1950, we have always guaranteed our support on the market of dental and health professionals. We are internationally recognized as leading in providing the best of dental equipment. Our particular attention to market changes every day in order to guide our customers towards an excellent choice.



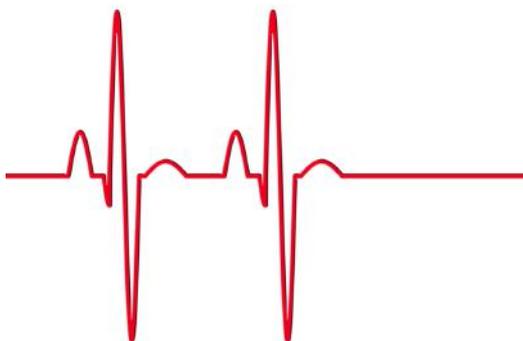
Our constant relationship of trust and transparency with our partners helped us to ensure a continuous support in providing the materials necessary in prevention and protection from contamination with coronavirus.

"We are lead by the passion for quality and optimal performance of products that can contribute to the health of each person, everyday and in any working condition."

Management Carlo De Giorgi Srl

protection is for everyone

As a result of our constant commitment, today we manage to be close to various customers that in this difficult period are in deeply need of continuous safety in work spaces and of the people with whom they may come into contact.



Our continuous research in providing high protection that will contribute to health and security of all.

The protocol of hygiene and prevention for the current circumstances of the emergency COVID-19 requires the immediate use of effective personal protective equipment that guarantees the safety of each one of us. In order to support our customers in using the necessary equipment, we are committed in selecting only highly certified products that ensures maximum protection.

Explore our proposal for finger pulse oximeter



Monitor your health with the finger pulse oximeter

The finger pulse oximeter (oximeter) is a non-invasive device designed to instantly measure oxygen saturation blood hemoglobin (SpO₂) and heart rate (HR).

Medical authorities have identified that in the case of Covid-19 pneumonia the patient has a decrease of SpO₂ percentage.

The consistency of oxyhemoglobin in the blood (HbO₂) is a very important parameter for the respiratory circulation system.

Normal SpO₂ levels are considered to be between 95% and 100%. If the SpO₂ index is lower than 95% there is a reduced presence of oxygen in the blood and a potential cause for concerning (hypoxemia).



Pulse oximeter model A-3



Pulse oximeter model SHO-3002

➔ Diagnosis is complete and fast

Pulse oximeter is a practical tool with a low energy consumption. The device is able to monitor hemoglobin saturation and heart rate through the patient's finger, providing an immediate result that can be easily read on the display.

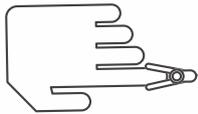
➔ Diagnosis is for everyone

Pulse oximetry can be practiced both by doctors and health professionals, also at home and not necessarily by specialized personnel. Based on the values, it is possible to determine if it is need to contact a specialist or not, in order to receive medical and precise instructions.

the pulse oximetry: how it works

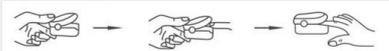
The purpose of pulse oximetry is to control how well the heart is pumping oxygen throughout the body. The two models are considered as high precision instruments and guarantee safe and repeatability.

1

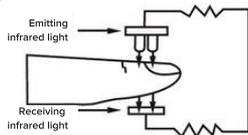


Place your finger on the device that is similar to a clip.

Make sure your finger is in the correct position, then let the sensor close on your finger. You may feel a little pressure, but without pain or pinching



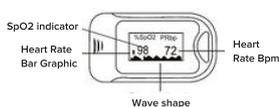
2



Press the power button on the front panel

An infrared light passes through the blood in the finger, measuring the amount of oxygen. This is possible by measuring the variations of light absorption in oxygenated or deoxygenated blood - a painless process.

3



Check the display

The button has two functions: when the device is in stand-by mode, by pressing the button it is possible to return to the operating mode. When the device is in operating status, by pressing the button for a long time it is possible to change the brightness of the screen.

4



Read the results

The pulse oximeter will indicate the oxygen saturation levels along with your heart rate. The measurement results will be shown directly on the display. You should not move your finger during the measurement. The device will be kept for as long as necessary to monitor pulse and oxygen saturation.

5



Monitor your data

If the pulse oximetry is practice outside of medical environment, it is recommended to ask the doctor how often to take the readings and what to do in case of exceeding the threshold values defined as "normal".

Technical information



Finger pulse oximeter

The pulse oximeter is used to evaluate the oxygen status of patients in many clinical contexts and represents a mandatory monitoring device for everyone. The destination of use changes from one case of another, for example, to evaluate whether someone needs to help breathing, to evaluate how useful is a ventilator, or to monitor the efficiency of a body's oxygenation.



Model SHO-3002



Product code	Dimensions	Display
530/00	57 x 31 x 32 mm	OLED with two colours
	Weight	Batteries
	~ 50g	2 1.5V alkaline batteries (AAA) or rechargeable batteries



Model A-3



Product code	Dimensions	Display
529/00	63 x 41 x 31 mm	display TFT multicolor
	Weight	Batteries
	~ 30g	2 1.5V alkaline batteries (AAA) or rechargeable batteries

Technical features of the two models:

%SpO2	SpO2 measurement range	SpO2 accuracy	SpO2 optical sensor
	35% ~ 100%	± 2% in the 70% -100% phase Below 70% not specified	Red light (wavelength is 660nm) Infrared (wavelength is 880nm)
		SpO2 resolution	
		35% ~ 100%	
HR (bpm)	Heart rate measurement range	Heart rate accuracy	Pulse Wave Display
	30 bpm ~ 250 bpm	± 2 bpm for the heart rate range 30-99 bpm	bar display wave display
		± 2% for the heart rate range 100 ~ 250 bpm	



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