

# medmaxx

Shield yourself.

 **optrel**<sup>®</sup>  
swiss made 

## OPTIMAL FACE PROTECTION AGAINST DROPLET INFECTION



+++ MORE PROTECTION  
+++ FLEXIBLE APPLICATIONS  
+++ REUSABLE

optrel. On the safe side.

# REUSABLE-FACE PROTECTION OPTREL MEDMAXX

Extraordinary situations require extraordinary measures. The Covid-19 Pandemic has led to a world-wide shortage of personal protective equipment (PPE). Optrel is determined to help and has decided to provide emergency aid by shifting its production focus towards the manufacture of respiratory protection products for health workers.

Optrel AG is a leading manufacturer of personal protective equipment and produces high quality eye, respiratory and head protection products for professional industrial applications.

The requirements concerning protection measures, comfort and productivity in industrial settings often by far exceed those of the healthcare industry.

The current dire state of emergency has given more reason than ever to rely on effective PPE. Currently, improved protection is particularly essential in the field of medicine. It has become a matter of life and death to protect health workers from droplet transmissions of the infectious viral disease. Many infectious pathogens manifest through the spread of respiratory secretions. Infectious drops are released by sneezing, coughing, speaking or singing and can be transmitted directly

from one person to another or stick to surfaces. Furthermore, droplets are spread through aerosol-generating examinations and treatment methods. Specifically, during dental activities, sputum induction, bronchoscopy, medical intubation, ventilation, resuscitation or as an aerosol of technical procedures.

The distance that these droplets need to leave the body depends on their size and severity: droplets with a diameter of more than 5 µm are spread around 1 to 1.5m and sediment within a few seconds. Within this short flight path, they can get directly into the respiratory tract of the recipient. Besides, there is the further possibility of a smear infection, by which the sedimented pathogen reaches the mucous membranes via touching hands and then touching mouth or eyes.

The water shell of smaller droplets evaporates during sedimentation and the resulting droplet-nuclei (aerosols) can float in the air for an indefinite period of time, i.e. they can consequently be aerogenically distributed. Mould spores and measles or tuberculosis pathogens can accordingly be spread throughout the room.

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## PROTECT YOURSELF

Excellent protection against droplets and particles. The medmaxx ensures that a respirator and glasses can be worn underneath.

## SIMPLE COMFORTABLE

The combination of the optrel comfort headband and the ergonomic design of the shell guarantee optimum weight distribution for any head size. The result is minimal strain on the neck and shoulders as well as increased efficiency.

The telescoping headgear and patented eccentric knob allow for individualized adjustments to ensure an optimal field of vision and comfort.

## SPLASH INFECTIONS AVOIDED

Thanks to the comprehensive face protection, virus' and bacteria can no longer spread through splash infections.

## INTELLIGENT ACCESSORIES

Use the halo headgear pad for maximum comfort during long shifts.

Stowing your medmaxx on the optrel parking buddy prevents it from being used by a third party preventing contamination of the helmet from others and surfaces.

## UV-RESISTANT

The use of certified UV-resistant material enables UV cleaning and the reliable sterilization and disinfection of the equipment.

## SUSTAINABLE

With high quality materials and high quality workmanship, the medmaxx is your constant companion. Both the polycarbonate visor and the headgear are easy to clean, disinfect and make the medmaxx sustainable face protection.

You protect yourself, your patients/customers and at the same time our environment.

OPTIMAL PROTECTION  
OPTREL MEDMAXX WITH FUNCTIONAL COMFORT  
HEADGEAR



# OUR SOLUTION FOR YOUR MAXXIMUM PROTECTION

## OPTREL MEDMAXX

### STAY HEALTHY

Face Protection and Accessories	Art. no.	Spare parts	Art. no.
 <b>medmaxx</b> Face Shield assembled - incl. optrel halo 1 piece	1100.200	 Clear view lens incl. Excenter 10 pcs.	5000.280
 <b>medmaxx</b> Face Shield for self-assembly 5 pcs.	1100.205	 Comfort head gear	5003.250
 <b>medmaxx</b> Face Shield for self-assembly 15 pcs.	1100.215	 Comfort band for headband 2 pcs.	5004.020
 optrel parking buddy	5002.900	 Sweatband 2 pcs	5004.073
 optrel halo head gear comfort pad	5003.530		

Description	<b>Eye and face protection with transparent polycarbonate lens.</b>	Storage temperature	<b>-20°C to + 80°C / -4°F to 176°F</b>
Classification (EN 166)	<b>Optical class 1 Clear view lens FT UV U5</b>	Weight	<b>250g / 8,82 oz</b>
Shape stability	<b>Head gear to 220°C / 428°F Clear view lens to 137°C / 279°F</b>	Application areas	<b>Medical, cosmetics, pharmaceuticals, food and electronics</b>
Material head gear	<b>PE</b>	Scope of delivery	<b>Face Shield (with optrel halo) Manual</b>
Material clear view lens	<b>PC</b>	Standards	<b>EN166, AS/NZS 1337, ANSI OS U5 Z87 ANSI Z87, OS 1 FT EN 166 CE complies with CSA Z.94.3</b>
Operating temperature	<b>-10°C to + 55°C / 14°F to 131°F</b>	Warranty	<b>2 years</b>



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