

SOFTHOOD

Ultra-lightweight. Extremely versatile.



IDEAL PROTECTION FOR MEDICINAL- & LABORATORY APPLICATIONS



+++ MORE PROTECTION
+++ MORE AIR
+++ MORE COMFORT

WELCOME TO THE COMFORT ZONE! SOFTHOOD – THE AIR IS CLEAR

The inadequate protection of the nursing staff through conventional mouth and nose protection and the rapid exhaustion due to high breathing resistance are increasingly becoming a major challenge in the health sector. optrel is a leading manufacturer of personal protective equipment and produces high quality eye, respiratory and head protection products for professional applications.

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.

PROTECT YOURSELF - WITHOUT COMPROMISE

Respiratory protection systems - the leading protection standard during times of Covid-19.

optrel Respiratory protection systems are certified according to TH3 (EN 12941) and correspond to the highest respiratory protection class. They are adept to filter air and remove 99.8% of harmful solid and fluid particles providing for clean and purified inhalation. Infectious viruses and bacteria that are transmitted through the air, e.g. Droplet infections are effectually evaded.

With the e3000X PAPR system, you choose your optrel PAPR mask with an integrated respiratory protection system that does not compromise your safety, health and comfort.

WORK IN A PERSONAL VIRUS-FREE CLIMATE / CREATE A SAFE COMFORT ZONE FREE OF THE FEAR OF CONTAMINATION

Unrestricted and clear view of your workplace and the environment. The filtered and clear air with individually adjustable, three-stage air supply make the clearmaxx a unique face and breathing protection system. Even in hectic times, you always keep a cool head with the blower breathing protection system from optrel. More air and oxygen for intense work and concentration.

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.

INCREASED & COMPREHENSIVE PROTECTION IN COMBINATION WITH E3000X

In comparison to the protection class' best, the half mask (FFP3), safety of the user's airways is increased by a factor of 10 or even by a factor of 40 (when using FFP2 masks). Additionally, both eyes are 100% protected.

Please note: Do not use as a surgical mask!

SMEAR INFECTIONS EXCLUDED/ COMPREHENSIVE PROTECTION FROM SMEAR INFECTIONS

Thanks to the comprehensive face protection, viruses and bacteria can no longer be spread through smear infections. The possibility of contamination of hands and objects on the mucous membranes of nose and/or eyes is therefore removed.

WEARING COMFORT

Thanks to its own weight of merely 150 g and its ergonomic fit, the softhood sets new standards in terms of comfort.

The specially developed, ergonomic carrying unit positions the e3000X optimally over the back with a comfortable 3-point adjustment system, thereby ensuring energy-saving and comfortable carrying. While the weight is distributed equally on both shoulders, your back and hips are relieved and protected correspondingly.

UNBEATABLE IN A TEAM OPTREL SOFTHOOD WITH OPTREL E3000X PAPR SYSTEM

FRESH AIR

The optrel respiratory protection softhood is based on the principle of overpressure relative to the environment and prevents contaminated air from entering the respiratory tract.

Made of ultra-lightweight nylon fabric, the headgear fits quickly and easily to all head sizes thanks to the comfortable elastic band. This makes it very comfortable to wear even over long periods of time. Its wide panoramic visor with anti-fog coating ensures an unrestricted view of the work at all times.

- Superior, ultra-lightweight respiratory protection
- Versatile, even in toxic environments thanks to optional A1B1E1 gas filter
- Wide visor with anti-fog coating
- Individual headgear customization (adjustable circumference and distance from the visor)
- Comfortable to wear thanks to generous cut and lightweight, durable material
- No masks Fit test required
- Can be used with facial hair or beards



TH3
certified



Lightweight
150 g



Easy to
use



No masks
Fit test
required



Breath-
supporting



Adjustable
Air Flow
150-250 l



40X
higher safety
compared to a
FFP2 mask

10X
higher safety
compared to a
FFP3 mask




OUR SOLUTION FOR YOUR MAXIMUM PROTECTION

OPTREL SOFTHOOD WITH E3000X PAPR SYSTEM STAY HEALTHY



Technical data

Description	Protective hood short with fresh air supply
Material	Screen: Cellulose propionate Textile part: Nylon Headband: Polypropylene
Storage temperature	- 10 °C up to + 55 °C
Operating temperature	0 °C up to + 60 °C
Dimensions	280 x 210 x 270 mm (short) 550 x 210 x 270 mm (long)
Weight	150 g (short) 240 g (long)
Classification and standards	EN 12941 (TH3 with e3000X)

Description	Art. No.
 optrel softhood short, white	4900.042
 optrel softhood long, white	4900.052
 Tear- film for optrel softhood 10 pcs.	5000.100

Description	Art. No.
 e3000X medical PAPR system, white	4558.000
 A1B1E1 gas filter	4088.700
 Filter cover, white 1 pc.	4551.056.W
 Plastic belt medical, white 1 pc.	4551.461
 TH3P master filter 1 pc.	4088.100
 Harness protection (textile) 1 pc.	4551.021.W
 Folding box with lid PP grey, 40x30x32cm, vol.: 29l	4074.010



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