

MedicAER[®]

HIGH-EFFICIENT RESPIRATORY PROTECTION FOR HEALTHCARE WORKERS



CleanAIR[®]

www.clean-air.cz

MedicAER®

Powered air purifying respirator specially designed for protection of healthcare workers, emergency teams or other professionals facing biological and viral contamination.

The construction allows easy decontamination in a shower or even an immersion disinfection. The unique automatic closing system reduces the risk of unwanted contamination of the unit while the filters are being changed. Full colour display clearly shows all the relevant information needed.

High-capacity Li-Ion battery as an option significantly extending operation time up to 16 hours. No more necessary to change or re-charge battery during long shifts including combination with gas and vapour filters.

Features & Benefits

- Compact design, low weight
- Decontaminable by a shower
- Allows immersion disinfection with Sodium hypochloride or Persteril[1]
- Unique automatic closing system
- High mechanical durability and chemical resistance
- Individually adjustable airflow 120-235 lpm
- Full colour TFT display

Areas of application

Health care and emergency response
Laboratories and pharmaceutical industry



[1] PERSTERIL® is a trade mark for functional disinfection product based on peracetic an active substance.

Complete sets

CA MedicAER® including accessories 51 MO 00FC
(comfort belt, charger Euro-plug, Li-Ion battery, air hose, set of P3 filters, flow indicator)

CA MedicAER® including accessories 51 MO 00FD
(decontaminable belt, charger Euro-plug, Li-Ion battery, air hose, set of P3 filters, flow indicator)

* nominal protection factor depends on used headtop / ** with new filters and fully charged battery

Spare parts and accessories

Decontaminable Hypalon belt	51 00 41
Decontaminable harness	51 00 42
Comfort padded belt	71 00 92
Comfort padded harness	52 00 44.1
Battery MedicAER® Li-Ion 14,4V / 2,6Ah	51 MO 10
Battery MedicAER® Heavy Duty Li-Ion 14,4V / 5,2Ah	51 MO 20
Battery charger Euro-plug	51 00 30EUR
Battery charger UK-plug	51 00 30UK
Air hose QuickLOCK™ – CA40x1/7"	71 00 60
Air hose CA-40x1/7" – CA40x1/7"	70 00 60*
Air hose QuickLOCK™ – CA40x1/7", rubber	71 00 86
Air hose CA-40x1/7" – CA40x1/7", rubber	70 00 86CA*
Hose cover chemical resistant	70 00 62C
Decontamination set (2x plug, 1x cover)	51 00 46
Decontamination filter cover, rubber	58 00 13

* For full face mask application only



Long hood CA-2

CleanAIR®



The long protective hood combines the respiratory protection with the extended coverage of head, face, neck and shoulders.

Provides head, face, neck and shoulders coverage in combination with respiratory protection. Comfortable and adjustable headband ensures excellent wearer comfort. The wide panoramic visor enables good orientation and has a special anti-fog coating. The combination of Tychem-F fabric and fully taped seams, makes the hood suitable for decontamination by shower.

Features & Benefits

- Lightweight and comfortable
- Decontaminable by a shower
- Wide field of vision

Technical data:

Weight	280 g
Visor dimension	270 x 150 mm
Material	hood – Tychem-F head harness – polyethylene visor – cellulose propionate
Protection factor (NPF)	50
Certification	EN 12941 TH2
Long hood CA-2, chemically resistant, grey colour	71 02 00G
Protection film, pack of 10 pcs	71 01 20/10

The universal hood with double sealing line ensures high protection factor NPF 500.

Provides head, face and neck coverage in combination with respiratory protection. The unique double sealing line (around the face and neck) ensures a perfect tightness and provides a high level of respiratory protection TH3. Comfortable and adjustable headband ensures excellent wearer comfort. The wide panoramic visor enables good orientation and has a special anti-fog coating. The combination of Tychem-F fabric and fully taped seams, makes the hood suitable for decontamination by shower.

Features & Benefits

- Lightweight and comfortable
- Decontaminable by a shower
- Wide field of vision
- High protection factor (NPF) 500



Technical data:

Weight	280 g
Visor dimension	270 x 150 mm
Material	hood – Tychem-F head harness – polyethylene visor – cellulose propionate
Protection factor (NPF)	500
Certification	EN 12941 TH3
Long hood CA-10, chemically resistant, grey colour	71 10 00G
Protection film, pack of 10 pcs	71 01 20/10

Shigematsu GX02

CleanAIR®

The full face mask Shigematsu GX02 uses a double seal flange which provides maximal seal while keeping a high level of comfort for the wearer.

The mask has a wide panoramic visor which provides a maximal visual field and a speech diaphragm which facilitates communication. The exchangeable polycarbonate visor has a special surface treatment which guarantees high scratch resistance. The mask body is made of high-quality silicone which guarantees high resistance and a long operation life. The six-point head harness ensures secure and easy fit. The mask is fitted with a standard connection thread RD40×1/7" according to EN 148-1 and thus enables wearers to use a wide range of canister filters and powered air purifying systems CleanAIR®. The mask is fully approved according to EN 136 and EN 12942.

Features & Benefits

- Double seal flange
- Wide panoramic visor
- Anti-scratch coating
- The six-point head harness
- Standard connection thread RD40×1/7"
- Two exhalation valves for low breathing resistance
- Approved according to EN 136 and EN 12942 TM3



Product description	Product code
Complete sets	
Full face mask GX02, size S	71 06 00S
Full face mask GX02, size M	71 06 00M
Full face mask GX02, size L	71 06 00L
Spare parts, accessories	
Visor protection plate	71 06 20
Head harness	71 06 80
Inner mask including inner valves	71 06 90S/M/L *
Inhalation valve – set (membranes 5 pcs + 1 gasket)	71 06 95
Exhalation valve – set (membranes 5 pcs + 1 gasket)	71 06 96

* Please choose the proper size of the inner mask – S, M or L

Technical data	
Weight	610 g
Available sizes	S, M, L
Material	mask body – silicone rubber visor – polycarbonate head harness – natural rubber
Connection	RD40×1/7"
Protection factor(NPF)	2000
Certification	EN 136 CL3, EN 12942 TM3

The full face mask Shigematsu CF02 – the new lightweight mask with superior spherical visor – now available within CleanAIR® product range!



The mask has a superior spherical visor which minimizing distance between the eyes and the visor. This design feature eliminates distortion and provides clear and broad field of vision. Special surface treatment prevents the visor from scratching. The mask body is made from high-quality Styrene TPE which guarantees high resistance and a long operation life. The six-point head harness ensures secure and easy fit. Non-sticky surface prevents hair entanglement. The mask is fitted with a standard connection thread RD40×1/7" according to EN 148-1 and thus enables wearers to use a wide range of canister filters and powered air purifying systems CleanAIR®. The mask is fully approved according to EN 136 and EN 12942.

Features & Benefits

- Lightweight – 435 g
- Superior spherical visor
- Anti-scratch coating
- The six-point head harness
- Standard connection thread RD40×1/7"
- Two exhalation valves – low breathing resistance
- Approved according to EN 136 CL3 and EN 12942 TM3

Technical data	
Weight	435 g
Available sizes	M, L
Material	mask body – Styrene TPE visor – polycarbonate head harness – Urethane TPE
Connection	RD40×1/7"
Protection factor (NPF)	2000
Certification	EN 136 CL3, EN 12942 TM3

Product description	Product code
Complete sets	
Full face mask CF02, size S	72 06 00S
Full face mask CF02, size M	72 06 00M
Spare parts, accessories	
Visor protection film	72 06 20
Head harness	72 06 80
Inhalation valve – set (membranes 5 pcs + 1 gasket)	72 06 95
Exhalation valve – set (membranes 5 pcs + 1 gasket)	72 06 96



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