

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

Complete sets

CA MedicaER® including decontaminable belt and harness and CA-10 chemically resistant hood
 8x A2B2E2KP3 filters, QuickLOCK™ air hose, flow indicator, decontamination set (2x plug with external thread, 1x cap with internal thread), battery charger, 2x Li-Ion battery, duffel bag

51 M1 00FDH

CA MedicaER® including decontaminable belt and harness and CA-10 chemically resistant hood
 8x particle P3 filters, QuickLOCK™ air hose, flow indicator, decontamination set (2x plug with external thread, 1x cap with internal thread), battery charger, 2x Li-Ion battery, duffel bag

51 M1 00FDH.1

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 M0 10
Battery MedicaER® Heavy Duty Li-Ion 14,4V / 5,2Ah	51 M0 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

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



* For full face mask application only

CA-10

Superior breathing protection with high chemical resistance



This chemically resistant hood ensures respiratory protection and protection of the head, neck and shoulders in the most demanding chemical environments. The hood has increased durability and can be decontaminated because of the light laminated fabric with taped seams. It is still very light and comfortable thanks to the inner antiseptic fabric which absorbs sweat and at the same time creates an additional sealing. It perfectly fits to various head types due to adjustable headgear and comfortable elastic rubber band. The distance of the visor can be individually set, as well as the perimeter of the headgear. The wide panoramic visor with antifog coating ensures undisturbed view and provides basic mechanical protection.



Features & Benefits

- Superior respiratory protection
- Durable and decontaminable
- Wide visor with antifog coating
- Individual headgear settings – adjustable perimeter and distance from the visor
- Pleasant to wear due to the spacy cut and light weight durable material
- Provides full protection of the eyes according to EN 166

Technical data:

Weight	220 g
Visor dimension	270 x 150 mm
Material	hood – polyethylene laminated visor – cellulose propionate
Protection factor (NPF)	500
Certification	EN 12941 TH3, EN 14594 3A, EN 166 1 S F
Chemically resistant hood CA-10	72 10 02

CA-10G**Superior breathing protection with high chemical resistance**

This chemically resistant hood ensures respiratory protection and protection of the head, neck and shoulders in the most demanding chemical environments. The hood has increased durability and can be decontaminated because of the light laminated fabric with taped seams. It is still very light and comfortable thanks to the inner antiseptic fabric which absorbs sweat and at the same time creates an additional sealing. It perfectly fits to various head types due to adjustable headgear and comfortable elastic rubber band. The distance of the visor can be individually set, as well as the perimeter of the headgear. The wide panoramic visor with antifog coating ensures undisturbed view and provides basic mechanical protection.

**Features & Benefits**

- Superior respiratory protection
- Durable and decontaminable
- Wide visor with antifog coating
- Individual headgear settings – adjustable perimeter and distance from the visor
- Pleasant to wear due to the spacy cut and light weight durable material
- Provides full protection of the eyes according to EN 166

Technical data:

Weight	76 g
Visor dimension	270 x 150 mm
Material	hood – polyethylene laminated visor – cellulose propionate
Protection factor (NPF)	500 / 200
Certification	EN 12941 / EN 14594
Short hood CA-1 Lite	72 01 01

CA-1 Lite

New „disposable“ short light hood



Maintenance-free lite hoods save you cleaning time and provide uncompromising respiratory protection. Available as fully assembled and individually packaged or in a cost-effective bulk package.

Made from lightweight microporous polypropylene and offering a wide visor. Extra lightweight protective hood that benefits from a spacy cut and individually adjustable headgear.



Features & Benefits

- Superior respiratory protection
- Durable and decontaminable
- Wide visor with antifog coating
- Individual headgear settings – adjustable perimeter and distance from the visor
- Pleasant to wear due to the spacy cut and light weight durable material
- Provides full protection of the eyes according to EN 166

Technical data:

Weight	76 g
Visor dimension	270 x 150 mm
Material	hood – polyethylene laminated visor – cellulose propionate
Protection factor (NPF)	500 / 200
Certification	EN 12941 / EN 14594
Short hood CA-1 Lite	72 01 01

CA-2 Lite

New „disposable“ long light hood



This chemically resistant hood ensures respiratory protection and protection of the head, neck and shoulders in the most demanding chemical environments. The hood has increased durability and can be decontaminated because of the light laminated fabric with taped seams. It is still very light and comfortable thanks to the inner antiseptic fabric which absorbs sweat and at the same time creates an additional sealing. It perfectly fits to various head types due to adjustable headgear and comfortable elastic rubber band. The distance of the visor can be individually set, as well as the perimeter of the headgear. The wide panoramic visor with antifog coating ensures undisturbed view and provides basic mechanical protection.



Features & Benefits

- Superior respiratory protection
- Durable and decontaminable
- Wide visor with antifog coating
- Individual headgear settings – adjustable perimeter and distance from the visor
- Pleasant to wear due to the spacy cut and light weight durable material
- Provides full protection of the eyes according to EN 166

Technical data:

Weight	220 g
Visor dimension	270 x 150 mm
Material	hood – polyethylene laminated visor – cellulose propionate
Protection factor (NPF)	500
Certification	EN 12941 TH3, EN 14594 3A, EN 166 1 S F
Chemically resistant hood CA-10	72 10 02

Shigematsu GX02

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

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

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

Shigematsu CF02

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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