

# MedicAER®

HIGH-EFFICIENT  
RESPIRATORY PROTECTION  
FOR HEALTHCARE WORKERS



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



## Features & Benefits

Compact design, low weight | Decontaminable by a shower | Allows immersion disinfection with Sodium hypochlorite or Persteril | 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

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Despite its compact size and low weight, the MedicAER<sup>®</sup> unit has high mechanical and chemical resistance, and UV resistance. The construction of the unit allows easy decontamination in a shower thanks to Ingress protection IP64. The unique automatic closing system prevents unwanted contamination of the unit by particles while the filters are being changed. Full-colour display clearly shows all the relevant information needed.

Standards

EN 12941 protection class TH3; NPF = 500  
EN 12942 protection class TM3; NPF = 2000\*

Flow rate

Airflow [lpm] Mode Filter category  
120 - 210 lpm, adjustable

Warning system (alarm)

Visual and audible warning for low airflow and low battery charge

Flow control system

Maintains level of airflow constant regardless filter clogging or battery charge

Motor

High quality ball-bearing brushless motor

Battery

Exchangeable Li-Ion 14,4 V / 2,6 Ah  
Battery lifespan: up to 500 charging cycles  
Charging time: < 3 hours

Battery charger

Microprocessor controlled, fully automatic  
Input: 100 - 240 V (50/60 Hz)  
Output: 16,8 V  
Plug: EURO, UK, US and AUS

Operation time up to 10 hours

(with clean particle filters, fully-charged battery and the bottom level of airflow)

Weight 960 g (including battery)

Dimensions 240 mm / 110 mm / 120 mm

Materials Unit: high performance polyamide Zytel ST801

Noisiness < 62 dB

Display

TFT display (262k colours, 160x160 px)  
(showing actual working mode, airflow, filter condition and battery status)