



Product code

51 00 00ASD
(including decontaminable Hypalon belt, charger, battery, flow indicator)

Product description

Powered air purifying respirator (PAPR), battery powered

Standards

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

IP64 - Ingress Protection against liquids and solid particles
[6] - Totally protected against dust ingress.
[4] - Protected against splashing water.

Operation time

up to 10 hours
(with clean filters, fully-charged battery and the bottom level of air flow)

Flow rate

Airflow [lpm]	Mode	Filter category
160 / 185 / 210 / 235	Mask	Particle
160 / 185 / 210	EN 12942	Light combined (class 1)

Display

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

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: 18 V (max. 1 500 mA)
Plug: Euro

Belt

Decontaminable Hypalon belt
Waist size: up to 1 500 mm

Weight

960 g (including battery)

Dimensions

240 mm / 110 mm / 120 mm

Materials

Unit: High performance polyamide Zytel ST801
Belt: Hypalon - synthetic rubber

Noisiness

< 62 dB

Filter connection

RD40x1/7"

* nominal protection factor depends on used headtop

Product sets / variations

product code	product description
51 00 00ASD	Powered air purifying respirator 2F with activated „Asbestos“ profile, exchangeable battery, charger (EURO - plug), decontaminable Hypalon belt and flow indicator
51 00 00ASR	Powered air purifying respirator 2F with activated „Asbestos“ profile, exchangeable battery, charger (EURO - plug), decontaminable rubber belt and flow indicator

Compatible headtops (According to EN 12942)

product code	product description	level of protection
71 06 00S	Full face mask GX02, size S	TM3
71 06 00M	Full face mask GX02, size M	TM3
71 06 00L	Full face mask GX02, size L	TM3
72 06 00M	Full face mask CF02, size M	TM3
72 06 00L	Full face mask CF02, size L	TM3

Recommended hose type

70 00 60 - Light flexi hose
[internal thread CA40x1/7" - external thread CA40x1/7"]
Adjustable lenght: 600 mm - 1 100 mm / Weight: 150 g

Spare parts and accessories

product code	product description
51 00 10	Battery Li-Ion 14,4 V / 2,6 Ah
51 00 41	Decontaminable belt
51 00 42	Decontaminable harness
70 00 60	Light flexi hose CA40x1/7" - CA40x1/7" - straight conn.
70 00 86CA	Rubber hose CA40x1/7" - CA40x1/7" - straight conn.
70 00 86R	Rubber hose CA40x1/7" - CA40x1/7" 90° connector
70 00 86RL	Rubber hose CA40x1/7" - CA40x1/7" 90° - longer conn.
70 00 62C	Hose cover chemical resistant
51 00 30EUR	Charger for CleanAIR® Chemical 2F (EURO - plug)
51 00 46	Set of plugs (2x external thread, 1x internal thread) for decontamination of unit 2F
52 01 01	TFT display protective foil
50 00 48*	Particle filter P3
50 03 57*	Light combined filter A1P3
50 03 64*	Light combined filter A1B1E1P3

* the table is not containing entire list of compatible filters. For complete list of filters, please contact your supplier for more information.

Maintenance

IP 64

Protected against access of hazardous parts - dust-tight, protected against water spray from any angle.
Decontaminable by shower.

Special automatic closing system prevents unwanted contamination of the unit while changing filters.



Areas of application

CleanAIR[®] Chemical 2F when is used as an approved system with P3 filter provides protection against particles in the form of liquid and solid aerosols e.g. dust, smoke, metal fumes, mists, fibers.

Gas filters provides protection againts contaminants in form of gasses and vapours.

Combined filters provides protection against combination of contaminants in the form of gases, vapours and particulates.

List of compatible headtops and level of protection provided by selected combination with CleanAIR[®] Chemical 2F you can find above (see table „Compatible headtops“).

Limitations



Storage conditions Operating conditions

-10°C to + 55°C, humidity 20 - 80 % RH
+10°C to + 40°C, humidity 20 - 80 % RH

- Please, read carefully relevant instruction for use and follow your national safety regulations for PPE.