

CleanAIR® Chemical 2F Tactical

Powered air purifying respirator



Description

The battery-powered air purifying respirator (PAPR), the breathing protective device for increasing comfort and safety when combined with approved headtops.

Application

In default Chemical 2F Tactical provides protection against particulates, but is also capable to provide protection against wide range of contaminants when used with combined filters.

DA-076_-_5TT000FC_-_Chemical_2F_Tactical_-_EN

TECHNICAL DATASHEET

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Technical specification

Product code*	51T000FC.1	
Flow rate	80 / 120 / 160 lpm	
Battery	Standard battery	Heavy duty battery
Voltage	14,4 V	14,4 V
Capacity	3,2 Ah	4,9 Ah
Charging time	< 3 hours	< 6 hours
Operation time*	< 4:20 at 120 lpm	< 9:00 at 120 lpm
Battery lifespan	up to 500 charging cycles	up to 500 charging cycles
Battery charger	Microprocessor controlled, fully automatic Input: 100 - 240 V [50/60 Hz] Output: 18 V [max. 1 500 mA] Multi plug: EUR, UK, US and AUS	
Weight	980 g (including standard battery)	
Dimensions	235 mm / 126 mm / 65 mm (with standard battery)	
Noisiness	< 65 dB	
Materials	Unit: polyamide Zytel ST801 Belt: textile part - polyester/nylon/rubber foam plastic part - polyamide	
Motor	Ball-bearing brushless motor	
Input / Output (threads)	Filter thread - RD40x1/7" - 2x Airflow output thread - CA40x1/7" - 1x	
Belt	Comfort padded belt	
Waist size:	up to 1 500 mm	
Standard	EN 12942	
Protection class / NPF**	TM3 / 2000	
Ingress protection	IP64:	When switched ON (without any further requirements)
	IP65:	When switched ON (set of spark arresters and pre-filter holders - 50 01 12)
	IP68:	When switched OFF (with plugged inputs and output - 51 00 46)
Display	TFT display (262k colours, 160x160 px) (showing actual working mode, airflow, filter condition and battery status)	
Storage conditions	- 10°C to + 55°C, humidity 20 - 95 % Rh	
Operating conditions	+ 0°C to + 60°C, humidity 20 - 95 % Rh	

*includes a comfortable belt, RD-40 hose, charger, 2x NBC filters, all packed in a practical transport bag

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Product sets / variations

51 TO 00FC Powered air purifying respirator CA Chemical 2F Tactical - incl. hose CA40x1/7",
battery Li-Ion 14,4V/2,6Ah, battery charger - Euro plug, comfort padded belt, flow indicator

* for ordering variation with UK plug please add „U" at the end of the product code; for AUS plug please add „-AUS" at the end of the product code

Spare parts and accessories

51 00 10	Battery CA Chemical 2F, Li-Ion (14,4V / 3,2Ah)
51 00 20	Battery CA Chemical 2F Heavy Duty, Li-Ion (14,4V / 4,9Ah)
71 00 92	Comfort padded belt
52 00 44.1	Comfort padded harness
51 00 51	Decontaminable belt PVC
51 00 52	Decontaminable harness PVC
51 00 30EUR	Charger for CleanAIR® Chemical 2F (EURO - plug)
707051	Multicharger 2F - 5 slots, without power supply
707051P	Multicharger 2F -5 slots, incl. power supply and AC cords
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 48/6	Particle filter P3, thread RD40x1/7", pack of 6
50 01 65X/3	Filter NBC - A2B2E2K2P3, thread RD40x1/7", pack of 3

Features

Warning system - visual warning of low airflow and battery charge
 - audible alarm fully muted

Flow control system - maintains level of airflow constant regardless filter clogging or battery charge.

Automatic closing system - reduces the risk of unwanted contamination of the unit while the filters are being changed

Allows immersion disinfection - with input and output threads plugs on (Sodium hypochloride or Persteril).

LED display - LED display visualises airflow, filter clogging and battery charge.