

Technical specification

Type	e3000X owered Air Purifying Respirator (PAPR), battery powered	
	Protection level:	TH3 (EN12941)
Blower unit	Flow rates:	Level 1: min. 170 l/min Level 2: min. 210 l/min Level 3: min. 240 l/min all Levels controlled
	Material:	Cycoloy Resin C2950 (PC+ABS)
Standard	Fan:	high quality ball beared long life brushless motor
	Fuse:	electronic fuse
	Noise:	max. 70db (A)
	Alarm:	optical and audible alarm for low / very low battery, clogged filter, no filter, and low flow
	Dimensions (L x W x H):	225 x 215 x 92.6 mm
	Weight:	1195 g / 42,152 oz (incl. filter and belt exclusive battery)
	Colour:	black / green
Particlefilter	Quantity:	1
	Type	TH3P R SL filter for TH2P system (EU) with prefilter
Hose	Length:	1160 mm (elastic upto 1300mm with protective sleeve)
	Diameter:	31 mm (inside)
	Weight:	185g / 6.526 oz (without protective sleeve)
	Colour:	black
Battery	Type:	Li-Ion rechargeable
	Voltage / capacity:	14,8 V / 3,25 Ah
	Charging cycles:	> 500
	Operating time level 1*	18
	Operating time level 2*	16
	Operating time level 3*	13
	Charging time:	approx. 5h
	Weight:	420g / 14.815 oz
	Material housing:	Polyamide (PA-GF)
	Colour:	black
	*min. operating time is with new filter at room temperature	
Charger	Type:	Microprocessor controlled, fully automatic
	Primary voltage:	100 - 240 Volt @ 50 Hz/60Hz
Operating temperature	-5°C to +55°C (without condensation)	
Battery charging temp.	+0°C to +45°C (without condensation)	
Standards	EN 12941, NIOSH, EAC, AS/NZS1716	
	Europe:	TH3P/TH2P
	Australia:	P3-classification
Notified body / Lic. No.	CE 1024	
Scope of delivery	Blower unit with hose, protective sleeve, TH3P R SL filter, battery, belt, charger, user instructions.	
Warranty (blower)	2 years from date of sales for manufacturing and material defects, no warranty for battery	
Note!	The Optrel e3000X respiratory system may NOT be used in environments where there is an immediate danger to health or life (IDLH), in atmospheres containing less than 17% (Europe) oxygen or where the concentration of toxins is so high that a protection class in excess of TH2 (EU) is required. It is NOT evaluated as an ignition source in flammable or explosive atmospheres.	