TECHNICAL DATASHEET

CleanAIR® AerGO®

Powered air purifying respirator



* the picture is illustrational only and may vary depending on additional equipment

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 AerGO® provides protection against particulates, but is also capable to provide protection against a wide range of contaminants when used with combined filters.

Techware Pty Ltd
ABN: 13 914 775 899
Phone: 1300 062 947
Email: sales@maxisafe.com.au
Website: www.maxisafe.com.au

Techware Pty Ltd
PO Box 4220
Hoppers Crossing
VIC 3029
Australia

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Technical specification

Product code	300000PA			
Flow rate	160 / 175 / 190 / 210 lpm			
Battery	Standard battery		Heavy duty battery	
Voltage	14,4 V		14,4 V	
Capacity	2,6 Ah		5,2 Ah	
Charging time	< 3 hours		< 6 hours	
Operation time*	< 10 hour*		< 20 hours*	
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. 1500 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	< 70 dB			
Materials	Unit: polyamide Zytel ST801 Belt: textile part - polyester/nylon/rubber foam plastic part - polyamide			
Motor	Ball-beared brushless motor			
Input / Output (threads)	Filter thread - AerGO® thread, diameter 110 mm - 2x Airflow output thread - CA40x1/7" - 1x			
Filters	P R SL	A1 P R SL	A1B1E1 P R SL	A1B1E1K1P R SL
Weight	78 g	280 g	280 g	320 g
Diameter	110 mm	110 mm	110 mm	110 mm
Height	25 mm	65 mm	65 mm	65 mm
Belt	Comfort padded belt		Comfort leather belt	PVC belt
Waist size:	up to 1500 mm		up to 1500 mm	up to 1400 mm
Standard	EN 12941			
Protection class / NPF***	TH3 / 500			
Ingress protection	IP41			
Storage conditions	– 10°C to + 55°C, humidity 20 - 95 % Rh			
Operating conditions	0°C to + 60°C, humidity 20 - 95 % Rh			

* with new P3 filters and fully charged battery / ** depends on used headtop

Features

Warning system – visual, audible and vibrating alarm for low airflow and low battery charge.

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

Spark arrester and prefilter option – it is very easy to attach spark arresters and prefilters to the filter.

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

Built-in barometric sensor – automatic airflow compensation depending on altitude. Works from -500m up to 4500m.

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Product sets / variations	
300000PA	Powered air purifying respirator AerGO®, exchangeable battery, flow indicator, charger (multi plug), comfort padded belt, P R SL filters
300000P	Powered air purifying respirator AerGO®, exchangeable battery, flow indicator, charger (multi plug), QuickLOCK™ air hose, comfort padded belt, P R SL filters
300000LA	Powered air purifying respirator AerGO®, exchangeable battery, flow indicator, charger (multi plug), comfort leather belt, P R SL filters
300000L	Powered air purifying respirator AerGO®, exchangeable battery, flow indicator, charger (multi plug), QuickLOCK™ air hose, comfort leather belt, P R SL filters
300000LH	Powered air purifying respirator AerGO®, exchangeable Heavy Duty battery, flow indicator, charger (multi plug), QuickLOCK™ air hose, comfort leather belt, A1B1E1P R SL filters
300000DA	CleanAIR AerGO with PVC belt, battery, charger and set of P R SL filters
300000	CleanAIR AerGO – set of filters P R SL, battery and with flow indicator

Spare parts and accessories	
300030	Pre-filter holder, spark arrestor, pre-filter – a set of 2+2+2 pcs
300015	Pre-filter CleanAIR® AerGO® (10 pcs)
300015/50	Pre-filter CleanAIR® AerGO® (50 pcs)
300020	Spark arrestor (10 pcs)
300025	Odour filter CleanAIR®AerGO (10 pcs)
300025/50	Odour filter CleanAIR®AerGO (50 pcs)
320092	Heavy duty leather belt
300092	Comfort belt for CleanAIR® AerGO®
310013	Battery Li-Ion Standard 14,4 V / 2,6 Ah
310023	Battery Li-Ion Heavy Duty 14,4 V / 5,2 Ah
310030	Battery charger, new multi-plug (compatible with 310013/23 batteries)
300010/2	Particle filter P R SL TR-110 thread (pack of 2 pairs)
300357	Combined filter A1P R SL TR-110 thread (set of 2 pcs)
300364	Combined filter A1B1E1P R SL – OZONE, TR-110 thread (set of 2 pcs)
300368	Combined filter A1B1E1K1P R SL – OZONE, thread TR110 (pack of 2 pcs)
300092	Comfort padded belt (AerGO)
300093	Comfort belt and harness (AerGO)
300094	Comfort harness (Basic, AerGO)
300095	Comfort belt for harness (AerGO)
330052	Decomtaminable PVC harness (AerGO)
330053	Decomtaminable PVC belt and harness (AerGO)
330092	Decomtaminable PVC belt (AerGO)
710050	SunFibre Hi-Vis set (active lighting, power bank, pocket)
710051	SunFibre Hi-Vis active lighting
710052	Harness pocket for SunFibre
710053	Power Bank ONPOWER 4000 mAh
710071	Harness hose holder

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Compatible headtops		
720102	Short protective hood CA-1, orange	TH3
720102B	Short protective hood CA-1, blue	TH3
720101	Short hood CA-1 lite	TH3
720202	Long protective hood CA-2, orange	TH3
720202B	Long protective hood CA-2, blue	TH3
720201	Long hood CA-2 lite	TH3
721002	Long protective hood CA-10, chemically resistant	TH3
703100	Protective faceshield Omnira air	TH3
710300*	Grinding shield CA-3 (polycarbonate visor)	TH2
710301*	Grinding shield CA-3 (acetate visor)	TH2
704001	Safety helmet CA-40 weld. shield, ADF V9-13 DS	TH3
704100	Safety helmet CA-40G grinding shield	TH3
704201	Safety helmet CA-40GW grinding + welding shield, ADF V9-13 DS	TH3
703001	Welding helmet CleanAIR® Verus air, incl. ADF S60+	TH3
703201	Welding helmet CleanAIR Omnira COMBI air, incl. ADF S60F	TH3
702800	Welding helmet CA-28 Euromaski	TH2
702070*	Welding helmet CA-20 ADF V9-13 DS	TH3
702081*	Welding helmet CA-20 ADF V6-8/9-13 GDS	TH3
70.4441.600	Welding helmet AerTEC™ OptoMAX Air incl. ADF with air distribution, silver	TH3
70.4441.601	Welding helmet AerTEC™ OptoMAX Air incl. ADF with air distribution, black	TH3
70.4441.660	Welding helmet AerTEC™ RangeMAX Air incl. ADF with air distribution	TH3
702701	Welding helmet CA27 YOGA, including air distribution and ADF AerTEC™ X1004/9–13	TH2
702701TC	Welding helmet CA27 YOGA, including air distribution and ADF AerTEC™ X1104/9–13	TH2
702901*	Welding helmet CA29 Evolve, incl. air distribution and ADF V913	TH2
702902*	Welding helmet CA29 ADF AerTEC™ X100 V913, incl. air distribution	TH2
702902TC*	Welding helmet CA29 ADF AerTEC™ X110 V913, incl. air distribution	TH2
720300.01	Protective face shield UniMask®, grey	TH3
720300.08	Protective face shield UniMask®, neoprene	TH3
70.4900.020	Grinding shield AerTEC™ SeeMAX including head gear and air distribution	TH3

* production ended in 2023

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