

E 3000 X

Welding and Grinding PAPR Specifications

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Compatible with Clearmaxx
PAPR and Helix Pure Air

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Technical Specifications

e3000X PAPR

Description	NIOSH Approved Powered Air Purifying Respirator with Integrated airflow sensor and 3 selectable flow rates.	Weight	1560g (3.5 lb) - Blower, filter, belt and battery.
Filters	PAPR - Type HE/HEPA. Optional Prefilters, Mountain Breeze nuisance level OV / Ozone filters, Spark Protector PAPR - Type HE OV/AG* *Gas/Combination filter - approval pending	Breathing Tube	Flexible polyurathane allows for wide range of motion .7m (27.5 in.) extends to 1.3m (51 in.). Protective cover available to protect from abrasion and heat.
Flow rates	Automatically adjusts to maintain minimum airflow or user selectable at the following flow rates: Level 1: Min 170 l/min (6 cfm) Level 2: Min 210 l/min (7.4 cfm) Level 3: Min 240 l/min (8.4 cfm)	Battery	Lithium ion battery rated for 12 hour usage at highest flow level. Up to 14 hour at lower flow settings. Charge time 5 hours.
Blower Dimensions	222 x 213 x 93 mm (8.75 x 8.4 x 3.7 in.)	EX Rating	ATEX Zone 2 and 22 certification
		Warranty	2 years from date of sales for manufacturing and material defects, 6 months warranty for battery.
		Headgear	NIOSH Approved with Helix Pure Air welding shield (TC-21C-1355) and Clearmaxx PAPR grinding shield (TC-21C-1246).

Helix Pure Air Welding Helmet

Description	PAPR welding headgear includes an internal slide-up auto darkening welding shield with panoramic view. May be used for welding and grinding.	Arc Detection	5 sensors provide enhanced detection.
Helmet Suspension	Isofit headgear suspension includes a continuous ratchet that reduces pressure points. Replacement padding kits available.	Twilight Mode	FadeTronic delivers smooth opening of ADF after Welding.
External Grinding Lens	Impact rated to Ansi Z87+, 180° field of view, replacement lenses available. Situated externally to the slide up welding lens.	Top Impact Protection	Optional hard cap (EN397 and ANSI Z89 type 1) *Approval pending.
Slide Up Welding Visor	Slide up welding visor articulates inside of the headgear and does not change the top profile when not in use for welding.	Protection Levels	<u>Helix CLT</u> <u>Helix Quattro</u>
Shade Adjustment	Shadetronic® fully automatic shade level adjustment can be deactivated.	Dark Shade Levels	4-12 4-13, 14 with SN+1 Filter
Auto Darkening Welding Filter	Solar power cells, also chargeable via micro-usb.	Light State	2.0 3.0, 4.0 with SN+1 Filter
		EIN 379 Classification	1/1/1/2 1/1/1/1
		Helix Accessories	Inside cover lens, inside cover lens shade +1, replacement outer lens, magnification lenses 1.0-2.5, nose pad.

Clearmaxx Air Grinding Shield

Description	Lightweight PAPR headgear used for grinding, woodworking, metals, food processing, environmental or other industrial applications.	Replacement Lenses	Clear, Welding Shade 3, Welding Shade 5, and tearaway outer lenses available.
Grinding Lens	Wide field of view, Impact rated to Z87+.		

