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Product Brochure For K84527

Welding Helmet with PAPR Respirator - PROMAX 680R

Dual Shade Range 4-8 / 9-14 plus grind mode
NSW DOE Item 48B



Please Call

ORDER CODE:	K84527
NSW DOE Item No.:	48B
QLD DOE Item No.:	~
MODEL:	PROMAX 680R
Viewing Area (mm):	116 x 81
Cartridge Size (mm):	~
Arc Sensors (No.):	4 + 1 Arc
Light State:	~
Shade:	9 ~ 14 (0.5 increments)
Shade Control:	External, Variable Shade
Power On/off:	Fully Automatic
Sensitivity Control:	Internal, Manual & or Auto* Low – High
UV/IR Protection:	~
Helmet Power Supply:	2 x CR2450 replaceable battery & & Solar assist
Respirator Power Supply:	Li-Ion 14.8V 2.6Ah 38.48Wh & Battery
Switching Time Light To Dark:	~
Delay Time Dark To Light (Seconds) (sec):	Internal, Manual or & Auto* Low – High
TIG Rated Minimum (amp):	~
Grinding Function (Yes / No):	Yes
Inactive Shade (Grind/Off):	~
Operating Temperature:	-5ºC to +55ºC
Storage Temperature:	-10 to +65ºC
Helmet Material:	AS1337.1 High-Impact Rated
Minimum TIG Amperage (amp):	~
Application Range:	Mig, Tig, Arc Welding, & Grinding, Plasma Cutting & Oxy Cutting, Brazing, Heating
Standards:	Takes standard 108 x 51mm & Magnification Lenses
Total Weight (grams):	860g

Description

Breathe easy and weld with confidence! The PROMAX 680R powered air respirator welding helmet offers amazing value with the comfort and reliability that Weldclass helmets have delivered for decades. Enjoy the benefits of purified air supplied by the powerful PROMAX R50 battery-powered respirator, keeping you cool and protected from harmful welding fumes. Helmet features include; Advanced digital lens with industry-leading leading 7-year warranty offer, Enormous 95cm2 'landscape' view with ultra-crisp V1rated optics, LCD illuminated self-dimming controls, External adjustments, and much more. Elevate your welding game today with the PROMAX 680R!

PACKAGE INCLUDES
- PROMAX 680R PAPR Helmet
- PROMAX R50 PAPR Respirator blower unit with battery
- Bonus 2nd battery
- Battery charger
- Waist & shoulder belt/harness
- Hose with FR cover
- Clear lens starter pack
- Air flow meter / tester
- Heavy-duty carry bag

PROMAX 680R HELMET FEATURES
- 7-year Warranty offer (on electronic lens)*
- Enormous 95cm2 viewing area
- External controls for shade adjustment & all modes: allows for instant & easy adjustment without removing or lifting helmet
- 'Landscape' format (116mm wide x 82mm high) window/screen for wider & more natural field of view
- Ultra-Crisp V1 (1/1/1/1) rated optics with enhanced colour recognition
- Illuminated digital LCD display/controls for superior visibility (auto dims when adjustments are not being made)
- Advanced digital controls with memory, cut mode, gradient & other functions
- Auto Controls: Option of Manual (user adjusts), or Auto shade / Sensitivity / Delay adjustment (settings adjust automatically depending on arc intensity)

- Super-comfortable, wrap-a-round headgear with moulded rear pressure pad
- Easy cover lens replacement
- Magnification lens holder - takes standard magnification lenses
- Super-comfortable, wrap-a-round headgear with moulded rear pressure pad
- High-Impact tested and compliant to Australian standard AS/NZS 1337.1
- Auto-darkening lens complies with AS/NZS 1338.1
- Reliable Power Source: Replaceable batteries plus solar assist, efficient electronics for low power consumption
- Full-Laminate Lens Construction: Each layer in the electronic lens assembly is firmly laminated for superior optical quality and long service life. This is in contrast to cheaper lenses which are simply glued on the edge and, over time, are prone to contamination and failure.
- Auto-on & Auto-off = No buttons to press, hassle-free operation
- Weight: Helmet only 860g / Helmet with respirator 1.79kg

PROMAX R50 PAPR RESPIRATOR FEATURES
- 3-Stage filter system includes main particle filter, prefilter, and spark filter
- TH3 filter class, delivering ?99.8% air particle purity
- Carbon prefilter supplied as standard, removes nuisance level odours
- Audio, visual and vibration alert for filter replacement or airway restriction
- 3 air flow speeds: 170, 200, 230 L/min
- 4-Point waist and shoulder harness (shoulder harness is removable to allow use with waist hardness only)
- Li-ion battery delivers operating time of ?10 hours @ 170 L/min (?6 hours @ 230 L/min)
- Warranty: 2 years on blower unit, 1 year on battery
- Complies with AS/NZS 1716
- Weight: Respirator (with blower unit & hose) only 930g / Helmet with respirator 1.79kg

APPLICATIONS
- MIG welding
- Stick welding
- TIG welding down to 5 amps
- Grinding
- Plasma Cutting
- Oxy Cutting, Brazing, Heating
- Gouging

FUNCTIONS
- Shade adjustment: Auto (shade level adjusts automatically depending on arc intensity) or Manual (user adjust), adjust in increments of +/- 0.5 via external or internal controls
- Shade Deviation: When using Auto shade, +/- deviation (fine adjustment) can be adjusted in 0.1 increments to up +2.0/-2.0
- Welding mode: Variable shade 9-14
- Cut mode: Variable shade 4-8
- Grind mode: Locks lens to light mode (shade 3), activate on/off via external button or internal controls
- Shade Lock: Switches off auto-darkening function & locks lens to a selected shade level (4-13), ideal for oxy cutting & similar processes where conditions may not be ideal for normal auto-darkening function
- Memory: Save up to 9 favorite settings (recalls shade, sensitivity & delay settings), with ‘instant save’ function on external controls
- Delay (switching time from dark back to light after welding stops): Auto or Manual 0.1-1.0s
- Gradient Mode: Gradual return (slope down) from dark to light, mirrors cooling of the weld pool to reduce eye strain
- Sensitivity: Auto or Manual 0-9 settings
- Tack Mode: Returns to shade 5 (instead of shade 3) between welds to reduce fatigue
- Respirator airflow speed adjustment: 170, 200, 230 L/min

COMMON SPARE PARTS & ACCESSORIES
- Promax R50 PAPR Main Particle Filter WC-06704
- Promax R50 PAPR Carbon Prefilter pk5 WC-06705
- Promax R50 PAPR Battery WC-06695
- Promax 680R Clear cover lens kit (2 outer, 1 inner) WC-05351
- Promax 680R Clear cover lens outer WC-05352
- Promax 680R and 850R Clear cover lens inner pk5 WC-05357
- Magnification lenses
- Headgear WC-06694
- Sweatband WC-01630
- Helmet Lens Batteries: Type CR2450, commonly available from any battery retailer/wholesaler (Weldclass does not supply this item)

*Standard warranty 2 years, with extended 7 year warranty available with registration after purchase (on auto darkening lens/cassette)

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Specific Features



WC 06700 Helmet Promax 680R 1



WC 06700 Helmet Promax 680R 2



WC 07000 Helmet Promax 680R0 4



WC 06700 Helmet Promax 680R 5



WC 07000 Helmet Promax 680R 5