Sydney: (02) 9890 9111
Brisbane: (07) 3715 2200
Melbourne: (03) 9212 4422
Perth: (08) 9373 9999
Adelaide: (08) 9373 9969
sales@machineryhouse.com.au
www.machineryhouse.com.au

Product Brochure For W159

Auto Darken Welding Helmet with PAPR Respiratory System - 5-9, 9-13 Shade - XA-5022(D)

Suits Mig, Tig, Arc Welding & Grinding

Includes Built in Air Purifying Respirator System



ORDER CODE:	W159
MODEL:	XA-5022(D)
Viewing Area (mm):	100 x 83.4
Cartridge Size (mm):	114 x 133
Arc Sensors (No.):	4
Light State:	DIN 4
Shade:	Dual range 5 - 9, 9 - 13
Shade Control:	Internal Digital Control
Power On/off:	Button On/OFF
Sensitivity Control:	Internal Digital Control
UV/IR Protection:	~
Helmet Power Supply:	Solar Cell, Battery Chang & Required (1 x CR2450 & lithium battery)
Respirator Power Supply:	Rechargeable Battery & Li-ION 12V 4400mAh
Switching Time Light To Dark:	0.08ms / 0.00008 seconds
Delay Time Dark To Light (Seconds) (sec):	0.1 ~ 0.9
TIG Rated Minimum (amp):	5
Grinding Function (Yes / No):	YES
Inactive Shade (Grind/Off):	~
Operating Temperature:	-05°C - 55°C
Storing Temperature:	-10°C - 55°C
Helmet Material:	~
Application Range:	Stick, Mig, Tig, Arc Welding & & Grinding
Standard:	AS/NZS 1337.1:2010
Total Weight (grams):	~

Description

POWERED AIR PURIFYING RESPIRATOR
Clean Air Welding
Ultimate Protection from
Harmful Welding Fumes
Auto-Darkening Helmet

The UNIMIG PAPR system provides industrial level protection for the most extreme welding applications and environments where effective and reliable eye and respiratory protection is an absolute must. This is a Powered Air Purifying Respirator system built with a tough robust exterior yet is comfortable and lightweight. The ergonomic design, lightweight shell, fully adjustable head gear & back harness delivers maximum comfort during long welding periods. The quick-disconnect and swivel breathing tube provides easy adjust-ability to accommodate space restraints.

The automatic detecting control system provides constantly stable clean air. The LCD display clearly shows airflow level, battery charge level and filter status. 3 levels of airflow provide increased comfort for varied working conditions and a flashing and audible alarm indicates low battery, low airflow, filter blockage and high battery temperature. The respirator unit is fitted with a spark filter and replaceable pre-filter to protect and extend the life of the main filter. The 12-volt, 4400MAh lithium-ion battery provides for up to 8 hours use on level 1, 6 hours on level 2 and 4 hours on level 3 airflow setting. The battery requires a 3 hour charge at a maximum of 500 charge cycles. A handy, easy to use flow-check meter is provided to ensure the correct airflow is present for maximum protection. Fitted with the advanced UNIMIG XA-5022(D) series helmet featuring the latest digitally-controlled auto darkening filter, adjustable from shade 5-9 and shade 9-13 makes it ideal for MMA, TIG and MIG welding, as well as Plasma Cutting and even grinding applications.

The switching time from light to dark is approximately 0.0001 second. The delay time from dark to light may be adjusted between 0.1 and 0.9 seconds. The UNIMIG XA-5022(D) is a lightweight and comfortable design offering excellent neck coverage and protection. The combination of the UNIMIG PAPR unit and the UNIMIG XA-5022(D) helmet provides you with standards-approved and certified welding protection ensuring the highest levels of welding safety whilst at a highly competitive price.

Features

- Positive pressure system
- Designed to work an 8 hour shift
- Long lasting reliable P2 filter
- Auto shutdown mode
  3 airflow levels for varied working conditions

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- Blocked filter, low airflow, low battery alarms
- Lightweight, ergonomic design
- Shoulder harness for extended wear
- Side or rear mounting of respirator pack
- Standards Compliant AS/NZS 1716:2012

- Respirator Technical Data
- Filter Type P APR-P2
- High filter efficiency 99.996%@0.3um
- Airflow speed 165L/min, 200L/min, 230L/min
- Standards AS/NZS 1716:2012
- Battery Type Rechargeable Li-ION 12V 4400mAh
- Battery operating time Level 1: >8h
- Level 2: >6h
- Level 3: >4h
- Charge time 3~4h
- Recharge quantity >500
- Noise Level >500
- System Automatic detecting and controlling system provides constantly stable clean air
- Controls Airflow 3 levels
- On/Off Switch
- Automatic shut down after 30mins of no use
- LCD display Airflow level data
- Battery life
- Filter loading status
- Warning & self protection Low battery
- Flash & Sound Blocked filter - low air flow
- High battery temperature
- Operating temperature -05°C - 55°C
- Operating humidty level

Specific Features



PAPR Helmet Side



Respirator



Connecting Air Hose



Harness



Battery Charger

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Recommended Accessories

W159C
Trade Series Welding Helmet Lens Kit



W001
Auto Darken Welding Helmet - 9~13 Shade



W002
Auto Darken Welding Helmet - 9~13 Shade



W225
Welding Curtain

