Weldclass

ALLCLEAR® MX250A W3
MOBILE WELDING FUME EXTRACTOR

Issued\updated: 19/11/2026



TESTED TO ISO 21904 W3

7 YEAR WARRANTY OFFER*

MADE IN EU

AUTO FILTER CLEANING

AUTO START/STOP

~230V 10A PLUG

AT A GLANCE

- **Independently Lab Tested to, and Compliant with, AS/NZS ISO 21904 W3** (see test certificate on following page)
- **Test Result of 99.91% Efficiency, to achieve >99% W3 classification**
- Multiple configurations: Single or Twin arm/s, Single or Twin 10m flexible hose/s
- Auto Filter Cleaning and Auto Start/Stop (syncs with welding arc)
- Market-leading Spark Trap system, offers highest level of spark protection and reduced fire risk

Machine Packages				
WMX250AK1	Single 3m Arm		WMX250AK3	Single 10m Hose+Hood
WMX250AK2	Twin 3m Arms		WMX250AK4	Twin 10m Hose+Hoods

Spares & Accessories				
W06841	Main Cartridge Filter Qty 2 required per unit		W06846	HEPA Filter (H14) Install Kit Fits to exhaust grille
W06872	Carbon Filter Kit Fits to exhaust grille		W06878	HEPA Filter Only (H14)
W06877	Safety / Exhaust Filter		W06843	10m Hose & Hood
W06867	Light Kit for hood		W06842	Spark Filter for hood

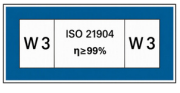
Specifications	
Motor Power	1.5kW
Power Supply / Plug	Single phase ~230V 10A
Max Airflow	2,520 m^3/hr
Filtration Class	AS/NZS ISO 21904 W3 ≥99% (test result 99.91%)
Filtering Stages	3: Spark trap > Cartridge filter > Safety filter Or 4 stages if using W06842 spark filter in capture hood
Filter Type / Size	Cleanable/reusable M-Class 16m^2 (2 x 8m^2)
Filter Cleaning / Air Supply	Automatic reverse-jet, compressed air Required min 6 bar pressure
Controls	Digital display, auto start/stop, clog alarm, hour meter
Noise	75 dB(A)
Dimensions / Weight	L740 x W1180 x H1110mm, 182kg (extractor unit only)

FEATURES

- Compliant with AS/NZS ISO 21904 W3, the classification called for when welding stainless and high-alloy steels.
- 3 stage filtration: Spark trap, cartridge filter & downstream safety filter (4 stages with optional spark filter in hood)
- High extraction performance, fan capacity 2,520 m^3/hr.
- Auto or Manual controls: Auto Start/Stop syncs with welding machine via current sensor attached to earth cable
- Auto cleaning restores air flow automatically, no lost shift time.
- sinTexx Plus nanofiber cartridge filters provide low pressure drop and long service life
- Digital controls: clogged filter alarms, filter status, maintenance intervals and fault codes.
- Dual collection drawers for heavy dust & fine dust
- Safety exhaust filter reduces turbulence in discharged air and captures particles if main filter is damaged

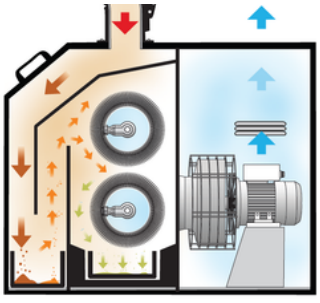


Unit labelled with: W3 classification (as per AS/NZS ISO 21904-1 Annex B) and Test Cert badge



Earth Cable Clip for Auto Start/Stop Function







W06867 Light Kit for hood



W06842 Spark Filter for hood

Advanced Multi-Chamber Spark Trap System & Dual Dust Collection Drawers

NOT suitable for extraction of fumes that contain: water/liquid vapour, explosion risk including aluminium dust, oil mist, or gases.

AUSTRALIAN SINCE 1979

All specifications are subject to change without notice. Weldclass accepts no responsibility for any inaccuracies, errors or omissions. Any application information is of a general nature only and is not a substitute for professional and specific advice. Warranty conditions as per weldclass.com.au/warrantyinfo, registration required. Weldclass is Australian founded & operated, established 1979. © 2026. E.&O.E

MORE INFO 👉

weldclass.com.au/MX250A

Certificate – Сертификат – 證明書 – Certificat – 증명서 – شهادة

Attestazione di Corrispondenza

Attestation of Compliance

ECM-2025-057

Test Report: RT-C-2025-033 del 26/03/2025

Fabbricante: *Manufacturer* — Manufactured for Weldclass Australia*

Prodotto: *Product:* — Self Cleaning Mobile Filter Unit

Modello/i: *Model/s:* — MX250A*

Norme: *Standards:* — EN 21904-1 e EN 21904-2 *

Questa **Attestazione di Corrispondenza** è stata emessa su base **volontaria**.
Altre norme richiamate dalle direttive pertinenti devono essere osservate in caso siano applicabili.
Nel caso in cui vengano apportate delle modifiche al prodotto, la validità di questa attestazione decade.
In ogni caso il fabbricante è responsabile della certificazione del prodotto(i) e non è esonerato dall'eseguire tutte le necessarie attività prima di immettere il prodotto(i) sul mercato, in accordo con le direttive applicabili.
Il fabbricante è inoltre responsabile del controllo interno della fabbricazione per assicurare che il prodotto(i) sia conforme con i requisiti essenziali dei documenti suddetti.

*This **Attestation of Compliance** has been issued on a **voluntary** basis.*
Other relevant standards called by relevant directives have to be observed in case they are applicable.
If any modifications are made to the product, this attestation will no longer be valid.
Whereas the Manufacturer is responsible of the certification of the product(s) and he is not exempted to perform all the necessary activities before placing the product(s) on the market, accordingly to the relevant directives.
The Manufacturer is also responsible of the internal production control to ensure the product(s) is in compliance with the essential requirements of the above-mentioned document.

Valsamoggia (BO)
Loc. Castello di Serravalle

Data di emissione - *Date of issuance* 28/03/2025
Data di scadenza - *Expiry date* 27/03/2028

Firma autorizzata
Authorized signature
Luca Bedonni

(Legale Rappresentante)

**For proprietary reasons, this test certificate version has been modified to show the corresponding Weldclass model number in place of the manufacturer's model name and details. ISO 21904 and W3 compliance of each unit is also confirmed by labelling on the machine. EN 21904-1/-2 correspond to ISO 21904-1/-2 and AS/NZS 21904.1/.2. This document is a test certificate providing the outcome summary of test results. Comprehensive test report is held by Weldclass, the manufacturer, and test body.*

Certificate – Сертификат – 證明書 – Certificat – 증명서 – شهادة

Appendice 1 / *Annex 1*

Informazioni laboratorio / *Test Lab Information*

Denominazione: *Name:* Ente Certificazione Macchine S.r.l.

Indirizzo: *Address:* Via Ca' Bella, 243 Valsamoggia - 40053 loc. Castello di Serravalle (BO) - ITALY -

Dati prodotto / Product data

Modelli : *Models* MX250A* FILTRO
COD. "FE 2577"

Efficacia di Filtrazione : 99,91%

Risultati test e conclusioni

Test item and conclusion

Prova *Test*	Descrizione test *Test items*	Conclusioni *Conclusion*
EN ISO 21904-2	Classe W1	Positivo *Pass*
EN ISO 21904-2	Classe W2	Positivo *Pass*
EN ISO 21904-2	Classe W3	Positivo *Pass*

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