Weldclass

ALLCLEAR® MX150M W3
MOBILE WELDING FUME EXTRACTOR

Issued/updated: 19/11/2026



TESTED TO ISO 21904 W3

7 YEAR WARRANTY OFFER*

MADE IN EU

CLEANABLE FILTER

~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 99.93% Efficiency, to achieve >99% W3 classification**
- Operates on 230V 10A single phase power
- Multiple configurations: Single 3m arm, 10m flexible hose, Downdraft table
- Compact 59kg unit, with hour meter and clogged filter alarm.

Machine Packages	
WMX150MK1	With 3m Arm
WMX150MK2	With 10m Flexible Hose & Hood with magnetic stand
WMX150MK3	With Downdraft Table Top 1200x800mm

Spares & Accessories				
W06841	Main Cartridge Filter		W06842	Spark Filter for capture hood
W06879	Safety / Exhaust Filter		W06843	10m Hose & Hood w/ stand

Specifications	
Motor Power	1.1kW
Power Supply / Plug	Single phase ~230V 10A
Max Airflow	2,500m³/hr
Filtration Class	AS/NZS ISO 21904 W3 ≥99% (test result 99.93%)
Filtering Stages	3: Spark deflector > Cartridge filter > Safety filter Or 4 stages if using W06842 spark filter in capture hood
Filter Type / Size	Cleanable/reusable M-Class 8m²
Filter Cleaning	Manual via compressed air gun
Controls	On/off, hour meter, clog alarm
Noise	75 dB(A)
Dimensions / Weight	L561 x W765 x H740mm, 59kg (extractor unit only)

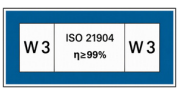
NOT suitable for extraction of fumes that contain: water/liquid vapour, explosion risk including aluminium dust, oil mist, or gases.

FEATURES

- Compliant with AS/NZS ISO 21904 W3, the classification called for when welding stainless and high-alloy steels.
- 3 stage filtration: Spark deflector, cartridge filter & downstream safety filter (4 stages with optional spark filter in hood)
- Cleanable, sinTexx Plus nanofiber filter provides lower pressure drop and long service life
- High extraction performance, fan capacity 2,500 m³/hr.
- Low air flow / clogged filter Alarms and Hour Meter take the guesswork out of maintenance scheduling.
- Spark arrestor shields the cartridge from coarse particles and sparks, reducing fire risk and extending filter life.
- In-situ filter cleaning via access door for operator safety
- Dust drawer allows collected dust to be removed safely, from outside the unit
- Safety exhaust filter reduces turbulence in discharged air and captures particles if main filter is damaged

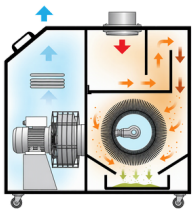


Unit labelled with: W3 classification (as per AS/NZS ISO 21904-1 Annex B) and Test Cert badge



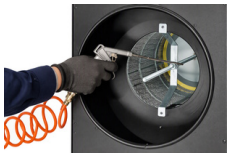


W06842 Spark Filter for hood



Spark deflector trap shields main filter.

Dust collection drawer



Clean filter in-situ via special access door

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/MX150M

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

Attestazione di Corrispondenza

Attestation of Compliance

ECM-2025-056

Test Report: RT-C-2025-032 del 26/03/2025

Fabbricante: *Manufacturer* — Manufactured for Weldclass Australia*

Prodotto: *Product:* — Mobile Filter Unit for Welding Fumes

Modello/i: *Model/s:* — MX150M*

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* MX150M*
FILTRO COD. "FE 2577"

Efficacia di Filtrazione : 99,93%

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*

**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.*