



# MASTERWELD

## MW8100 Portable Welding Fume Extractor

The MasterWeld MW8100 Portable Welding Fume Extractor sets new and improved standards of build quality and extraction capacity along with overall improvements in product design resulting in easier maintenance and usability.

The MW8100 replaces the MW8001 with superior specifications and extraction capacity. Suitable for sheet metal welding and soldering applications where a lower concentration of fumes is present.

A truly portable welding fume extractor ideal for maintenance workshops, car body shops, on-site welding applications and other welding or solder applications where lower welding fume emissions are present.

Polluted air is sucked in by a brush motor with integrated aspirator positioned inside the machine casing. Captured is done by an adjustable cap and through a 60mm diameter flexible tube reaches a filtration cartridge. After the fan fume will be finally expelled. The final deodorisation is carried out through an activated carbon cell.

### Features

- Lightweight (18kg) but powerful (160 m<sup>3</sup>/h Air Flow)
- Advanced fire-retardant cartridge filter with quick-change mechanism
- Filter efficiency of 99.99% down to 3 µm
- Supplied with active carbon filter for added protection against welding fumes
- Supplied with 3 metre hose and magnetic extraction nozzle
- Manufactured in Europe in accordance to all relevant community directives
- Conforms to 2014/35/EU, 2014/30/EU and 2011/65/EU



## Technical Data

Weight [KG]	18
Motor (Supply voltage/Frequency) [V/Hz]	230/50
Motor (Power) [W]	1100
Capacity (air flow rate) [m3/h]	163
Total pressure [mm H2O]	663
Noise Level [dBA]	73
Flexible Hose Length [m]	3
Flexible Hose Diameter [mm]	60
Filtering Surface [m2]	1,12
Activated Carbons [Weight KG]	2
Hood Diameter [mm]	110
Filtering Material	Cellulose
Dust Classification	M
BIA Classification	USGC

## Components

Machine Carpentry
Adjustable Suction Hood
Anti-Spark Brassed Cloth
Flexible Hose
Suction Flange
Filter Cartridge
Brush Motor
Handling Handle
Socket with Switch and Fuses
Internal Soundproof KIT
Activated Carbon Cell
Expulsion Flange
Lower Feet
Power Cable

Your local distributor



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