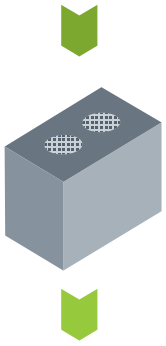
Weller®
FILTRATION

MG100S Fume Extraction





H13 HEPA filter and
wide band gas filter

ESD safe

Low sound level

Features and Benefits

- Unit purifies air at up to 2 workplaces
- High volume gas filter
- Electronic filter control with filter alarm
- 3-speed setting
- Compact footprint
- Switching power supply 100–240 V
- Optimized filter lifetime



MEK



ADHESIVES/VOC



CLEANROOM

Can be equipped with special filters specific to different applications.

Technical Data

Dimensions L x B x H (mm / in)	460 x 210 x 610 mm 18.11 x 8.26 x 24.15 in
Weight (kg / lb)	15 kg / 33.1 lb
Voltage	100 – 240 V. 50/60 Hz
Noise level at 1 m *	48 dB (A)
Electrical power	100 W
Max. blower vacuum	2,300 Pa
Max. blower capacity	140 m^3/h
Pre-filter	–
Compact filter	H13 HEPA filter / wide band gas filter (50% active carbon + 50% Chemisorb)
Gas filter volume	high
Particle filter separation degree MPPS	> 99.95%
Controllable by WX series products	No

Weller®
FILTRATION

For a detailed list of fume extraction arms, funnels, nozzles, etc., please request the Weller FT catalog ATG-1225, item no.T550943.

MG100S

What's included:

- MG 100S Fume extraction unit 120 V / 50/60 Hz
- Compact filter
  consists of: H13 particle filter and wide band gas filter (50% active carbon / 50% Chemisorb)

MG 100S Filter System 120 V

Order No. U-100-1000-ESD

Accessory
Remote control with 1m cable

Order No. 700-3057





MG100S Kits

MG100S Kit 1

- MG 100S
- Kit 1 Funnel

Order No. 120 V	**U-100-1056-ESD**

MG100S Kit 2

- MG 100S
- Two Kit 1 Funnel

Order No. 120 V	**U-100-1055-ESD**

Selection guide based on particle and gas filter capacity

Application	MG100S
Hand soldering	+++
Heavy duty soldering (solder bath, selective wave)	+
Soldering	+++
Gluing, Cleaning, Filling	+++
Finedust	+
MEK (Methyl Ethyl Ketone)	+++
VOC (Volatile Organic Compounds)	+++
Cleanroom	+++

+SHORT TERM USE ++ MEDIUM TERM USE +++ LONG TERM USE

Filter Compatibility

MG100S	**Order No. U-100-1000-ESD**
100-2000-ESD	Standard H13 HEPA / wide band gas filter (50% active carbon, 50% Chemisorb)
100-2003-ESD	Optional H13 HEPA / MEK wide band gas filter
100-2002-ESD	Optional H13 HEPA / Cleanroom wide band gas filter
100-2012-ESD	Optional Solvents / VOC wide band gas filter

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