MG100S Fume Extraction

Weller FT
FILTER SYSTEMS

FT ZERO SMOG Series

H13 particle filter and wide band gas filter

ESD safe   Low sound level
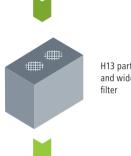
Features and Benefits

> 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 m³/h
Pre-filter	–
Compact filter	H13 particle filter + 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	MG10OS
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

	Model Number Order Number	MG100S U-100-1000-ESD
H13/GAS COMPACT FILTERS	100-2000-ESD	✚
	100-2003-ESD MEK	✚✚
	100-2002-ESD CLEAN ROOM	✚✚
	100-2012-ESD SOLVENTS / VOC	✚✚

+ STANDARD   ++ OPTIONAL

weller-tools.com

© 2015 Apex Tool Group, LLC | 1000 Lufkin Road | Apex, NC 27539-8160 | USA | Phone 866.498.0484 | weller-na@weller-tools.com | ATG-2320 PDF only. Specifications subject to change without notice.