

### Customer Application:

Machine Manufacturer using Laser Cutting Machine

### About Customer:

Customer is specialized in manufacturing automatic assembly machines as per customer requirements. It designs and builds custom automatic assembly machines and EOL testing units for industries including medical, pharma, electrical, automobiles, plastic etc.

### Customer Problem:

Customer is involved in automatic assembly machine production, which during process need laser cutting of iron or steel parts which leads to release of harmful fumes. The customer is looking after solution for filtration/removal of these harmful fumes.

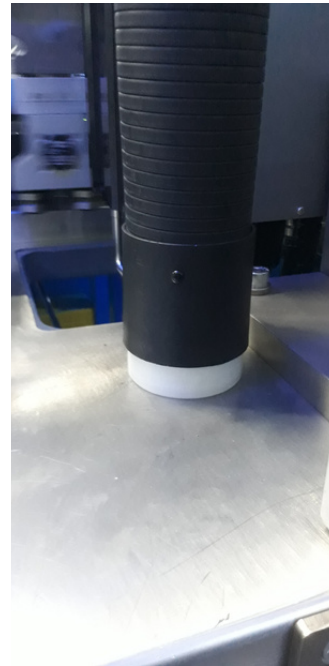
### ASEPL Solution:

#### Weller Make Fume extractor Zero Smog EL Kit 1

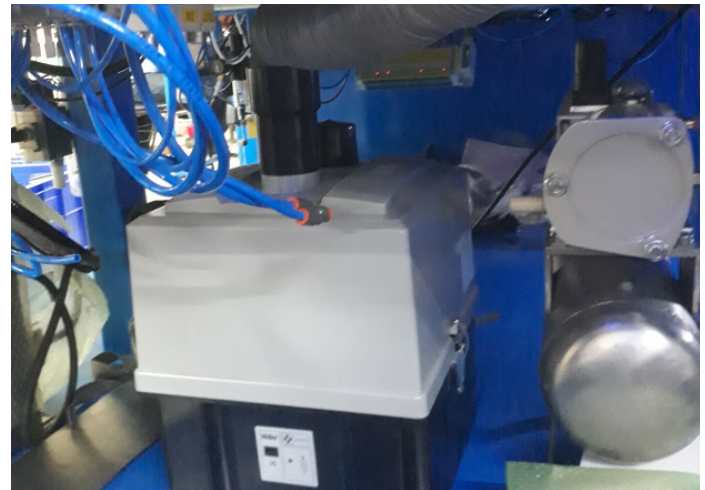
Weller machines are designed to filter harmful soldering fumes and use H13 wide gas filters (HEPA filters) with primary filter to filter out solid minute particles. In case of LASER- main purpose is to absorb generated huge & dense gases. Weller machines are most suitable for this application.

### Weller Fume Extractor Features:

- Fume extraction unit for 1 to 2 workplaces.
- Fine dust pre-filter M5 that can be separately changed, without having to change main filter
- Granular activated carbon filter for effective gas filtering
- Portable fume extraction unit, for placement under or next to the bench-top.
- Easy filter change.
- 4-speed setting and power regulation
- Noise level (distance 1m) < 53 dB(A)
- Quick, simple and user-friendly installation with Easy-Click system



Funnel nozzle with flexible arm



Zero Smog EL unit integrated at customer site.



Standard Model: Zero Smog EL Kit 1

[DATASHEET](#)

