Content

# Fume Extraction

**Zero-Smog**

The Weller Zero-Smog Systems put an end to air pollution caused by soldering, adhesives and laser work. In all of these applications fumes or fine particles are released into the work place atmosphere which are hazardous to staff exposed to them. The Weller Zero-Smog Systems' combination of pumps, electronic controls and filters removes this hazard.

**Tip Extraction**

Weller FE soldering irons have an integral smoke tube mounted in the handle.It is positioned directly above the joint during the soldering process to collect any fumes generated. Fume extraction irons can be connected to Weller Zero-Smog Systems WFE and WFE P bench mounted units driving up to 2 irons or WFE 20D mobile unit driving up to 20 irons. Fume extraction attachments can be retro fitted to non fume extraction Weller soldering irons.

**Extraction Units**



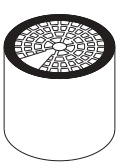

| Order No. | Model | Description |
|---|---|---|
| **005 36 402 99** | **WFE** | **Portable fume extraction unit for tip suction, compressed air operated**<br>• Height x Diameter 200 x 140 mm<br>• Weight 2,7 kg<br>• Operating pressure 3,5 - 6 bar<br>• Air consumption 30 l/min<br>• Sound level 39 db (A) at 1 m distance<br>• Max. vacuum 20.000 Pa<br>• Max. capacity 2 FE irons |
| consists of: | | Fume extraction unit<br>Compressed air cleaning filter<br>Compact filter (HEPA filer H13 + wide band gas filter 50 % active carbon / 50 % Puratex)<br>Fine dust filter F 7 |




| Order No. | Model | Description |
|---|---|---|
| **005 36 386 99** | **WFE P** | **Portable fume extraction unit 230 V / 50 Hz, for tip suction with built in pump**<br>• Vacuum pump with 2 power stages for higher extraction performance<br>• Height x Diameter 295 x 140 mm<br>• Weight 4 kg<br>• Power input 50 W<br>• Sound level 40 db (A) at 1 m distance<br>• Max. vacuum 30.000 Pa<br>• Max. capacity 2 FE irons |
| consists of: | | Fume extraction unit 230 V / 50 Hz<br>Compact filter (HEPA filer H13 + wide band gas filter 50 % active carbon / 50 % Puratex)<br>Fine dust filter F 7 |

**Spare filter for WFE + WFE P**








| Order No. | Model | Description |
|---|---|---|
| **005 87 357 57** | | Compressed air cleaning filter (for WFE only) |
| **005 36 410 99** | | Compact filter (HEPA filer H13 + wide band gas filter 50 % active carbon / 50 % Puratex) |
| **005 36 407 99** | | Compact filter (HEPA filer H13 + wide band gas filter 100 % active carbon) |
| **005 36 421 99** | | Fine dust filter F 7 (3 pcs.) |