

Press release
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Weller®, the worldwide market leader in hand soldering, brings a breath of fresh air to the workplace

The new WFE 2ES Volume Fume Extraction System from Weller® enhances the soldering process by capturing the particles and pollutants produced to provide the operator with a comfortable, clean and safe working environment

The results of extensive testing conclusively prove that soldering with lead-free alloys creates a level of breathable air-borne pollutants in excess of the safety threshold set for work places. The compact and flexible WFE 2ES, the latest addition to Weller's successful range of 'Zero Smog' extraction systems, puts an end to air pollution produced by soldering, working with adhesives and laser operations.

The WFE 2ES's powerful but quiet, brush-less turbine gives maintenance free operation in even the most demanding industrial applications. Housed inside the modern design of the WFE 2 ES is a compact filter system comprising a F5-class dust filter, to remove the smallest breathable particles, and a Puratex H12 filter with active carbon section and a filtration efficiency of 99.5%. The extraction arm supplied with the unit has precise positioning adjustment and in conjunction with the optimally designed funnel this allows for perfect positioning to remove fumes quickly and efficiently from the work place. The extraction arm also features an easy to use 'Plug &Play' installation system.

Weller's wide range of accessories gives users a high degree of operational flexibility. Additionally there is no need for specialist on-site installation and combined with the low cash outlay this makes the WFE 2ES a highly efficient and cost-effective fume extraction system for up to two work places.



Technical Data WFE 2ES

Voltage	230 V / 50 Hz (115 V / 60 Hz)
Dimensions in mm	320 x 320 x 395 (L x W x H)
Electrical Power	115 VA
Noise level	52 db (A) at 1 m distance
Max. pressure	1800 Pa
Max. airflow	220 m ³ /h
Max. capacity	2 work places
Filter	Fine dust filter F5 HEPA filter H12 (99.5% against particle ca. 0.3 µm) combined with wide gas filter (active carbonate foam)

Weller® is one of the brands of the American company Cooper Hand Tools with headquarters in the Swabian city of Besigheim, near Stuttgart. Cooper Hand Tools is a division of Cooper Industries, headquartered in Houston, Texas. With 35,000 employees worldwide, Cooper Industries has annual revenues of over 5 billion US dollars. Almost 40 years ago, the American Cooper Hand Tools bought Weller® and expanded the Besigheim location in order to form its European headquarters. Here, approximately 240 employees produce and sell Weller® soldering devices which are sold throughout the world. Weller® is the worldwide market leader in soldering tools.

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