



Product-Information

WFE 20D Mobile Fume Extraction Unit

The WFE 20D has been designed for fume extraction direct from the soldering tip. Up to 5 Weller FE soldering irons can be connected directly. The capacity is 20 FE soldering irons with the optional DN 40 tubing system. The powerful maintenance free electronically controlled turbine provides a maximum vacuum of 12.000 Pa. The microprocessor also ensures detection of operating hours and the status of filter absorbency. The three-stage filter system is suitable for use with soldering fumes. The filter system consists of a fine particulate air filter F5 and a combined submicron particulate air filter H13 plus wide band gas filter (50 % AKF, 50 % Puratex). It removes 99,95 % of contaminants up to 0,12 µm according to EN 1822.

The WFE 20D features:

- Two operation modes:
 - Mode 0: constant vacuum at 12.000 Pa
 - Mode 1: vacuum adjustable from 20 % - 100 % via buttons
- Electronically controlled filter status control through filter differential pressure measurement (control LED). The unit switches off automatically after exceeding the permitted degree of contamination.
- Electronically controlled filter operating hours. The filter operating hours can be entered as default setting for better handling of the filter exchange intervals.
- RS 232 interface for remote control. With the optional remote control the following functions can be operated:
 - switching the unit on/off
 - speed setting in mode 1
 - filter status display

Technical Data WFE 20D

Dimensions (W x D x H):	450 x 450 x 695 mm
Weight:	45 kg
Mains:	230 V
Power Absorption:	630 VA
Sound Level:	51 dB(A)
Max. Vacuum:	12.000 Pa
Max. Conveyance:	100 m ³ /h
Capacity:	20 FE soldering irons
Order No.:	005 36 476 99



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