

Zero Smog 20T

Mobile, powerful, electronically driven fume extraction unit



ESD safe



low sound level

Up to 6 WellerFT (Fume Extraction) soldering irons can be connected directly to the fume extraction unit ZS 20T. Using the Pipe System 50 (available as accessory) up to 20 FE soldering irons can be supported by the unit. The powerful maintenance-free turbine generates a vacuum of 10.000 Pa and is

electronically controlled. Operating hours and filter contamination level are also recorded electronically.

The filter system achieves a filtration rate of 99,95 % as per EN 1822 with a particle size of 0,16 µm.

Technical Data

| | |
|-----------------------|------------------------------|
| Maximum capacity | 20 FE soldering irons |
| Noise level | < 51 db (A) at 1 m distance |
| Operating voltage | 230 V / 50 Hz, 120 V / 60 Hz |
| Power input | 630 W |
| Maximum vacuum | 10.000 Pa |
| Maximum delivery rate | 100 m ³ /h |
| Dimension (L x W x H) | 450 x 450 x 695 mm |
| Weight | 45 kg |

Scope of supply

- > ZS 20T Fume extraction unit
- > Compact filter consists of: Particle filter H13 and wide band gas filter (50 % active carbon, 50 % Chemisorb)
- > Fine dust filter F7

Order No. 230 V T005 36 706 99

Order No. 120 V (USA) T005 36 702 99



Attributes

- > Up to 20 FE soldering irons can be connected
- > Electric driven, maintenance free turbine produces the required vacuum
- > 4 wheels to allow easy movement of the unit
- > Mobile unit for central and stand alone applications
- > Central installation for pipe systems up to 200 m (656 ft.)

Characteristics

- > **Two operating modes:**
Mode 0: Vacuum regulated to 10.000 Pa
Mode 1: Extraction performance can be set between 20 %–100 % with the control buttons.
- > Electronic filter check (LED) through differential pressure measurement. If the specified degree of contamination is exceeded, the unit switches off.
- > Electronic filter operation status display. For better management of filter change intervals – the filter operating hours can be pre-specified. The need for filter change is indicated in good time allowing adequate time for filter procurement and replacement.
- > Interface RS 232 for remote monitoring or remote control. Remote control available as accessory.

