

do not miss on any soldering workstation

Table Clamp Solder Smoke Absorber

Inde P/N: I493-A

- Save your work space
- Easier & convenient both extension & angle as per work requirement
- ESD Safe
- Power Consumption: 20 watt
- Absorption Capacity: 0.93/1.07m³/min
- Power requirement: 220V AC, 50 Hz
- Dimensions: 167x101x182mm
- Replacement Filters available ex-stock from us.

Replacement Filters P/N IRF493



Solder Fume Absorber Table Top type

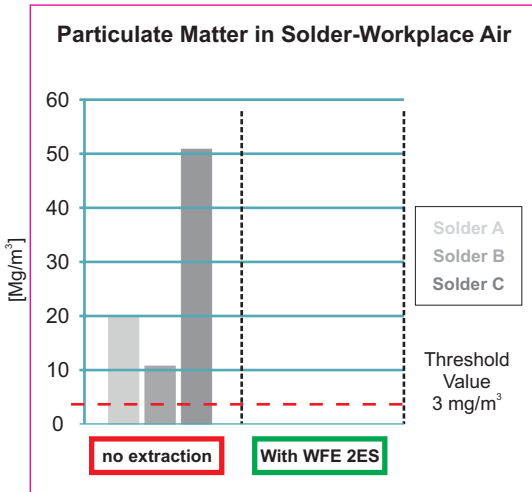
Inde P/N: I493

- Removes noxious fumes quickly, safely and efficiently
- Adjustable angle
- Portable and easy to place and move
- Low noise and long life fan
- Replaceable filter is made by joining specific urethane with refined, activated high absorption carbon
- Power requirement: 220V AC, 50 Hz
- Low Power: 20 watts
- Absorption Capacity: 0.93-1.07m³/minute
- Replacement Filters available ex-stock from us.



Replacement Filters P/N IRF493

Special Ready-to-use package for 2 working operators



**Maintenance-free
Brushless type
powerful turbine**

**Extremely
low noise,
< 55 dBA**

WFE2ES guarantees filtration efficiency of 99.5% with its F5-Class Fine Dust Filter and Puratex compact H12 Filter

WFEK2 Fume Extraction System for 2 independent work stations Does not need any plumbing, portable for any relocation 1000's of such Fume Extraction Systems are tried & tested in Europe

WFE2ES portable, quiet, electronic speed control

The Weller WFE 2ES is a volume type powerful fume extraction system designed for continuous operation working. A powerful, maintenance-free brushless type turbine combined with digital electronic speed controls, ensures ease of use and low maintenance costs. The digital electronic speed control system provides air movement which is continuously variable from 30 m³/h to 230 m³/h. Two DN 40 intake flanges are fitted to the top of the unit for connection to pipe work systems. The WFE 2ES is fitted with a three stage filter system, pre filter (F5), sub micron filter (H13) and wide band gas filter, specifically designed to deal with solder fumes. This filter system ensures a degree of fume separation of 99.95 % i.a.w to EN 1822 for a particle size of 0.12 µm. The differential pressure inside the unit, is measured constantly; and a red LED display is illuminated when the unit senses that a filter change is required. Under normal running conditions, a green light is displayed. The system can be controlled manually at the unit or remotely via an RS 232 interface.

WFEK2 Fume Extraction System for 2 stations

WFEK2C Fume Extraction System provides fume extraction at 2 independent operators working. This stand alone system is designed for use in industrial and laboratory applications. The unit is supplied complete with flexible hoses, extraction arms, mounting brackets and system seals, ready for immediate installation. All arms hoses and hoods are ESD safe.

Ready-to-use package consists of:

- WFE 2ES 230V Fume Extraction Unit
- WFAF 50 Extraction Arm 1 meter (2 pcs.)
- Extraction Hose 50 mm, 3 meter
- WFTB 50 Bench Mounting Bracket with damper for extraction arm (2 pcs.)
- WFFMP 50 Adaptor (2 pcs.)
- Hose Clamp 50 – 70 mm (4 pcs.)

Main specifications

- Maximum airflow: 220 m³/h
- Maximum pressure: 1800 Pa
- Filters: Fine Dust Filter F5 & HEPA Filter H12
- Noise level: 52 dBA at 1 meter
- Maximum capacity: 4 Operators
- Input Supply: 230 V, 50 Hz
- Dimensions: 320x320x395 (LxWxH in mm)

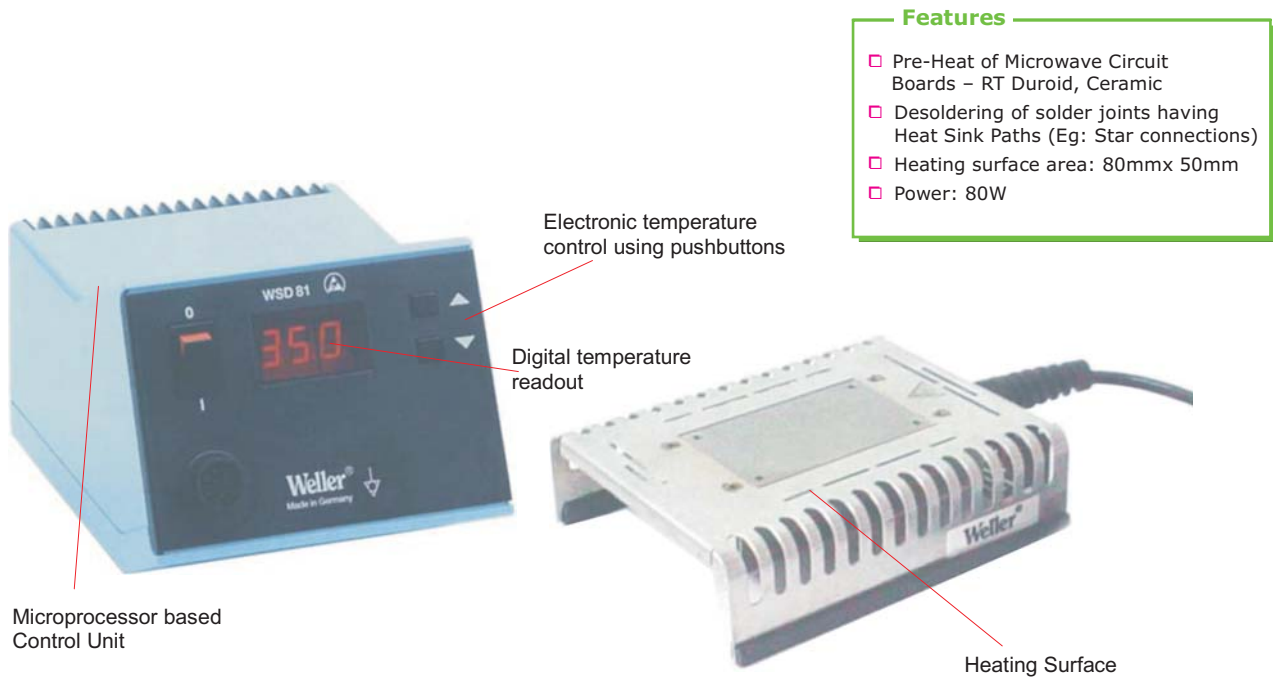
Filter System includes: Fine Dust Filter • HEPA Filter (Class H13) • Wide Band Gas

Specifications for Fume Extraction System with accessories

1. Volume type Fume Extraction with a rugged Turbine (Suction Pump).
Turbine should be maintenance free
2. Filtration Accuracy : 99.95% for a particle size 0.12 micro meter
(Multistage filtering using HEPA preferred)
3. Suction Power: Single unit should be suitable for at least 4 operators
4. Remote Operation should be possible
5. Filter replacement indicator based on differential pressure sensing based
6. 230 V, 50 Hz, compact size, portable

System Includes

- Solder fume extraction main unit
- Set of Extraction Hoods
- Mounting brackets & Seals
- Piping System
- Extraction Hose



WHP 80 Heating Plate is useful for preheating of microwave circuit boards (Ceramic, RT Duroid like) to avoid thermal shocks and overheating of substrate material.

Desoldering of heavy heat sink type and higher multilayer type printed circuit boards, requires pre-heating. WHP 80 Heating Plate is useful for preheating such printed circuit boards up to 200°C.

Technical Specifications

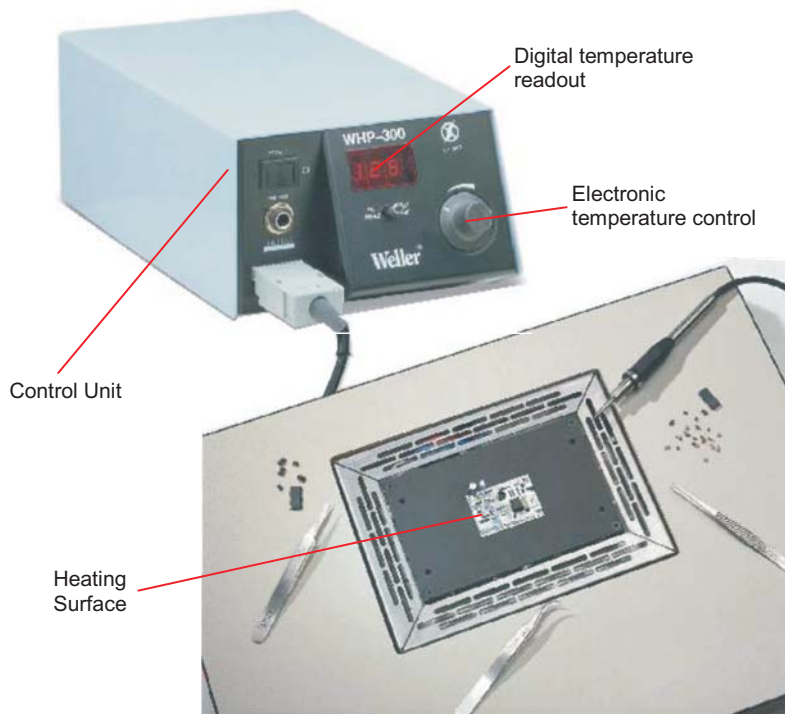
- Digital display of set and actual temperatures
- Heating surface size: 80mm x 50mm
- Temperature control range: 50°C to 200°C
- ESD safe design
- Input Power: 230VAC/50Hz, 80 W
- Temperature Control accuracy: $\pm 2\%$ of final value

Items supplied with WHP80 Heating Plate

- Heating Surface Plate of 80mm x 50mm size
- Optionally: Digital type Control/Power unit of PUD 81*

* Note: WHP80 Heat Plate can also be connected to various other Weller Power Units as of: Soldering Stations WSD80, WSD81, WS80, WS81 and Desoldering Stations WMD1, WMD1S, WMD-3. In case you have any of these, you do not need a separate control/power unit.

Weller[®] 300°C Heating Plate (100 x 160mm) WHP300 for Pre-heating and reflow soldering of microwave circuits substrate



Features

- Power/Temperature: 300W/upto 300 °C
- Pre-Heating of Microwave Circuit Boards – RT Duroid, Ceramic surfaces
- Desoldering of solder joints having Heat Sink Paths
- Heating surface area 100mmx 160mm

For soldering and desoldering of microwave circuit boards (Ceramic, RT Duroid like), it is necessary to avoid the thermal shocks and partial overheating of substrate material.

Weller model WHP300 Heating Plate solves this problem. It heats up substrates and microwave circuit boards to correct temperature evenly and uniformly. The high temperature control up to 300°C, provides reflow soldering.

Technical Specifications

- Digital display of set and actual temperatures
- Heating surface size: 100mm x 160mm
- Temperature control range: 50°C to 300°C
- ESD safe design
- Input Power: 230VAC/50Hz, 300 W
- Temperature Control accuracy: $\pm 2\%$ of final value

Items supplied with WHP300 Heating Plate

- Digital type Control/Power unit of 300W
- Heating Surface Plate of 100mm x 160mm size

Inde P/N : I191-AD

Thermometer – Measures Soldering Tip Temperature

Specifications

- Resolution : 1°C (1°F)
- Range of Measurement : 0 - 800°C (32 - 1472°F)
- Accuracy : $\pm 3^\circ\text{C}$ / $\pm 5^\circ\text{F}$
- Sensor : K-type Thermocouple
- Display : 3.5 digit liquid crystal display
- Battery Alarm and Burnout feature
- Power Supply : 9V Battery(Alkaline cell recommended)
- Dimensions : 146(L) x 35(W) x 83(H) mm(excluding protrusions)
- Weight : 250g approx
- Environment Temperature Range : 0-40°C / 32 - 104°F

Features

- Measures tip temperature quickly & accuracy with CA sensor (0.2mm dia)
- Auto shut-off function available. Shut-off time can be set
- Can record max temperature. It shows the highest temperature of tip when pressing [MAX HOLD] button.
- Celsius type and Fahrenheit interchangeable



Inde P/N: I192

Soldering Tester per MIL-STT-2000

Measure Tip-Ground Resistance, Tip-Ground Voltage

- Measures tips temperature, leak voltage and ground resistance accurately
- Two-in-one design, can be used to check solder pot temperature with a probe
- Checked by reliable micro-computer, high precision
- Meets MIL-STD-2000 for leak voltage measurement

Temperature Specs

Resolution : 1°C
Measurement Range : 0 - 600°C (32 - 1200°F)
Accuracy : $\pm 3^\circ\text{C}$ / $\pm 6^\circ\text{F}$
Sensor : K-type thermometer

Voltage Specs

Resolution : 0.1mV
Measurement Range : 0 - 90mV(AC)
Accuracy : $\pm (3\%+2 \text{ digit})$
Meets MIL-STD-2000 standard

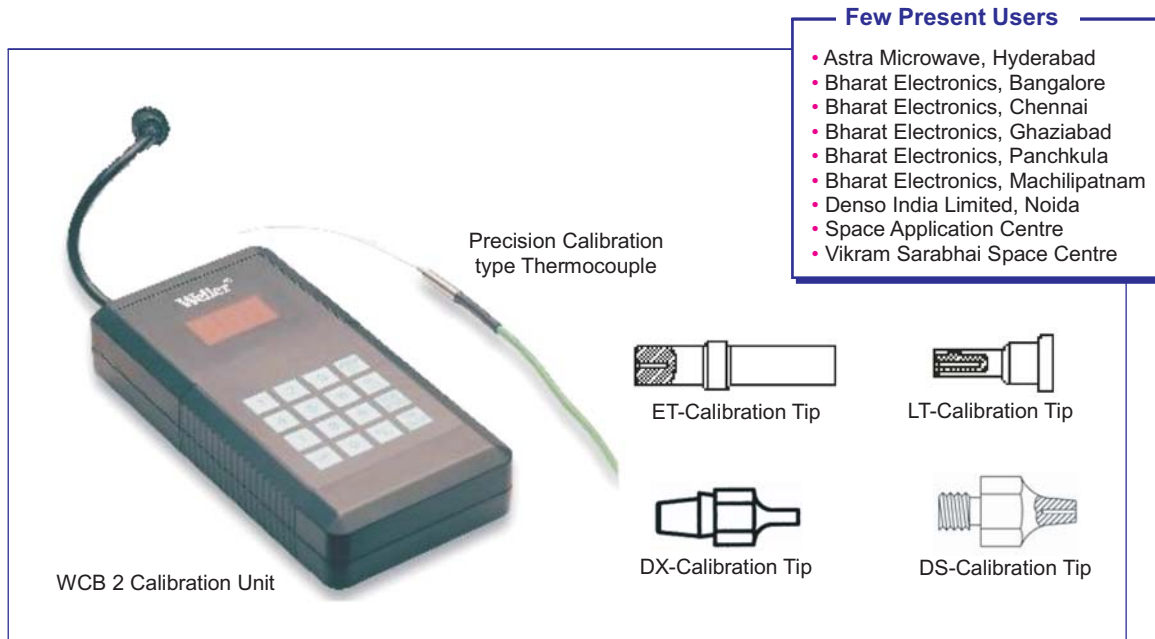
Resistance Specs

Resolution : 0.1 Ω
Measurement Range : 0-90 Ω
Accuracy : $\pm (1\%+2 \text{ digit})$

Display Specs

LCD : 3^{1/2} digits
Power Consumption : 1 Watt
Outer Dimensions : 158(L) x 150(W) x 50(H) mm
Weight : 1 Kg approx





**WCB2 Calibration Instrument + Precision Thermocouple +
Special Calibration Desoldering & Soldering Tips**

Weller WCB2 is designed by Cooper Tools, Germany exclusively for calibration of Weller make new generation digitized type soldering and desoldering stations. Following functions are possible with it:

Calibration:

New calibration of Weller stations as well original factory settings (FSE) Calibration

Temperature Measurement:

Temperature is measured with K-type thermocouple and measuring tip via WCB2. Any difference between set and read temperature can be directly corrected with the Offset function.

Temperature Locking:

With this function, the desired temperature can be locked. After supervisor locks the desired temperature, no change can be made in the temperature by operator. This ensures optimization of soldering process.

Setback:

Falls back to 150°C (standby) temperature. The set back time can be adjusted automatically. After three such setback concurrences, the unit switches off. This enhances life of heating element and bits.

Items supplied with Calibration Package

- WCB 2 Calibration Box
- Thermocouple
- LT Calibration tip
- ET Calibration tip
- DX Calibration Tip
- DS Calibration Tip