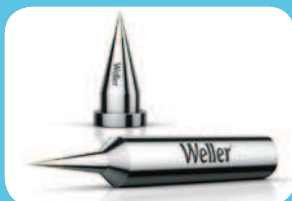


Catalogue

WOW!

World of Weller®



Why Fume Extraction ?

Many work environments today, including soldering, adhesives, welding and laser applications, create particles and gases that can be harmful to the work place and the environment. Most people thought that the move to leadfree soldering would be more nature friendly. In reality leadfree soldering smoke emissions contain more breathable fine dust particles. More smaller particles are produced due to the higher working temperatures required and because more flux is used in the soldering process.

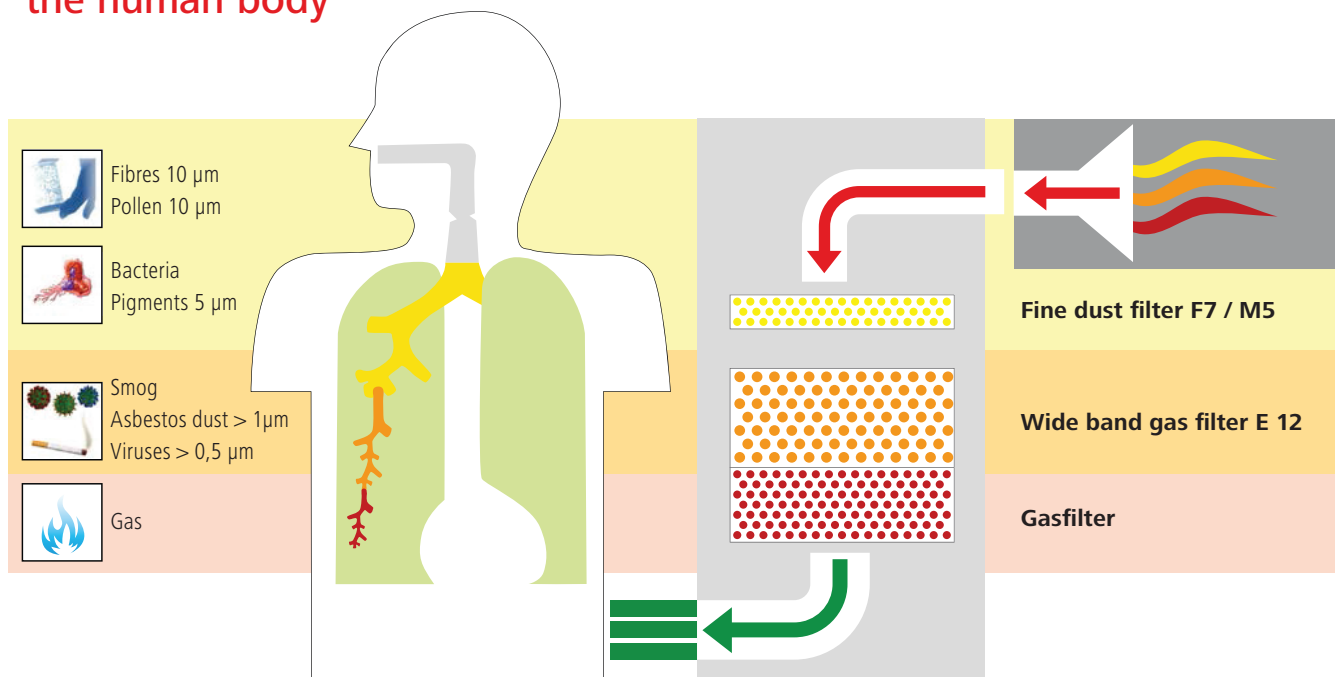
In many countries legal regulations governing clean air in the work place require that hazardous substances are removed from the air in order to avoid harmful effects on people and machines.

It is important to use the correct safety equipment to remove these hazardous substances. Fine particles are more dangerous to inhale than big particles as they get caught more easily and block the alveoli in the lungs.

To protect the operator it is important to use an extraction system that is able to separate these particles and gases and then re-circulates the cleaned air back into the work place. This saves energy and reduces energy costs.

- The smaller the particles are, the deeper they penetrate into the respiratory system
- The deeper the particles penetrate, the higher are the health risks
- The smallest particles travels via alveoli into the bloodstream

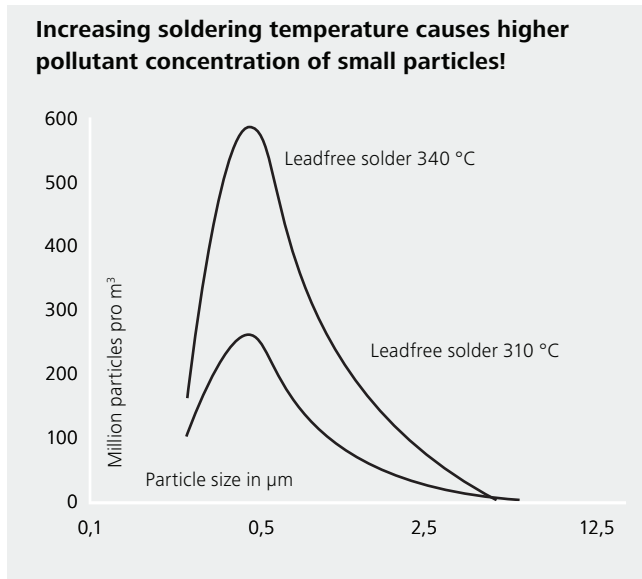
Fine dust accumulation in the human body



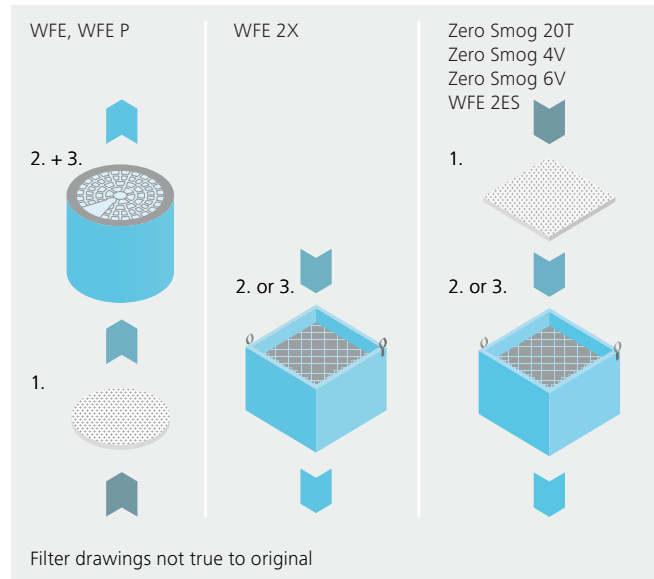
90 minutes soldering with leadfree solder wire



Pollution concentration



Filter process



Filter classes and recommended applications

1. Fine dust filter

For standard applications with a small amount of flux and pollution gases with high solid content, Weller® FT offers filter classes M 5 or F 7.

2. Compact filter consisting of:

EPA filter

Filter particles up to 0,3 µm.

Weller® FT offers EPA (Efficiency Particulate Air) filters of class E 12, medium filtration efficiency 99,5%.

Wide band gas filter

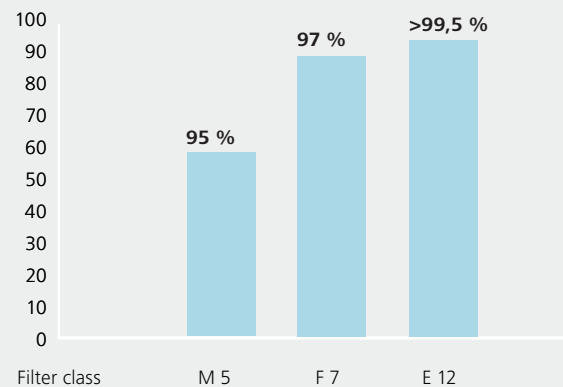
Wide band gas filter

For cleaning harmful fumes and vapours. The Weller® FT wide band gas filter consists of 50% active carbon and 50% Puratex. Harmful gases with a high molecular weight are cleaned by the active carbon. Puratex is suitable for absorbing gases of lower molecular weight. Because of its composition, Puratex is able to convert a large number of chemical pollutants by means of molecular modification into non-polluting gases.

3. Gas filter (option)

The gas filter is used for extracting adhesive fumes and solvents. Experience has shown that filtering suspended particles is not so vital in this respect. The gas filter is filled with 50% active carbon and 50% Puratex. The EPA E 12 is omitted.

Medium filtration efficiency Em % against particle size 0,12 µm



Solutions for Fume Extraction – For clean air

Weller FT offers two extraction solutions:

Volume Extraction



Set up your volume extraction solution
with our configurator
www.weller.eu



- Larger areas can be covered
- Low maintenance
- Mobile
- Quick & easy installation
- Economic for 1 to 8 work places
- Remote control

More suitable for applications involving, for example, solder baths, hot air soldering, micro solders and gluing work. Weller® FT offers various mobile systems that purify the air up to a maximum of 8 workplaces.

Weller® FT Easy-Click-60 Example for installation



Tip Extraction



- Less investment per work place
- Collect pollution direct at source
- Up to 20 collection points with one system (200 m apart)
- Ergonomic friendly with easy access to work piece
- No noise
- Minimal air movement

Weller® FT FE (Fume extraction) soldering irons have a smoke tube integrated into the handle. When soldering the tube is positioned directly above the joint and collects any fumes produced. Fume extraction attachments can be retro fitted to non fume extraction





- Volume extraction with extraction arms
- Low underpressure
- High volume flow rate

For 1 extraction arm ø 60

- Volume flow rate = 50 – 80 [m³/h]
- Underpressure = 300 – 700 [Pa]

For 6 extraction arms ø 60

- Volume flow rate = 300 – 480 [m³/h]
- Underpressure = 300 – 700 [Pa]



Weller[®] FT Easy-Click-60 connection elements for quick and easy installation for volume extraction



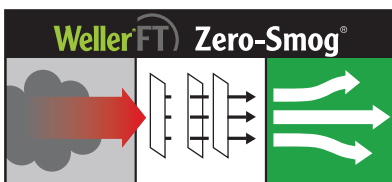
- The tube is positioned directly above the joint and collects any fumes produced.
- High underpressure
- Low volume flow rate

For 1 FE soldering iron

- Volume flow rate = 1 – 1,5 [m³/h]
- Underpressure = 10.000 [Pa]

For 25 soldering irons

- Volume flow rate = 25 – 30 [m³/h]
- Underpressure = 10.000 [Pa]



Volume Extraction

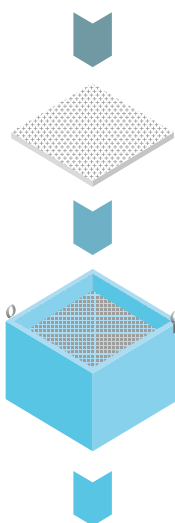


WFE 2ES



WFE 2X

Spare filter



Fine dust filter M 5
T005 87 627 03

EPA Filter H12
and active carbon
T005 87 627 01

Set (M 5 + H 12)

Sloped nozzle



Sloped nozzle



Funnel nozzle



Exhaust hood

Accessory



Pre filter box



Pocket filter
for pre filter box

Filter for WFE 2X
T005 36 590 99



Trolley
with wheels



Hanging device



Remote control

Extraction arms Sets



KIT 1 WF Nozzle
sloped 60 mm



KIT 1 S WF



KIT 1 WF
Funnel



KIT 1 WF 32



KIT 1 WF 60

Accessories Installation



Extraction arm



Extraction arm 32
mm incl. nozzle



Adapter Kit
50-60 mm



WFFV Stop valve



Extraction hose
1 m, 3 m, 5 m



Adapter
40/60



Zero Smog 4V



Zero Smog 6V



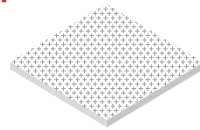
Remote control



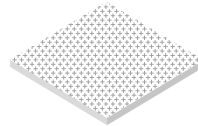
WX Adapter for
Remote control
T005 87 627 24

WX
Connection cable
T005 87 647 10

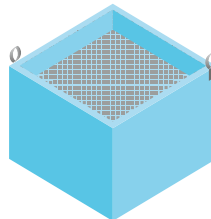
Spare filter



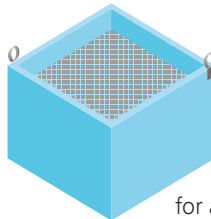
Fine dust filter M 5
T005 87 359 37 (2S, 4V)
T005 87 358 37 (4S, 6V)



Fine dust filter F 7
T005 87 359 38 (2S, 4V)
T005 87 358 36 (4S, 6V)



Compact filter
T005 87 359 36 (2S, 4V)
T005 87 358 38 (4S, 6V)



Compact filter
for adhesive fumes
T005 87 358 95 (2S, 4V)
T005 87 358 35 (4S, 6V)

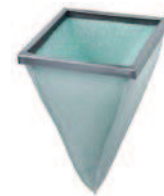
Filter



Pre filter box



Pocket filter F7



Filtering for
sticky particles

Adapter



ø 75 mm on Easy-Click 60

End cap



Easy-Click 60,
60 mm



Female adapter



Male adapter



T-piece with 2 male
and 1 female adapter



Hose connector,
angle



Hose connector,
straight

Volume Extraction

Technical data

WFE 2ES



WFE 2X



Dimensions L x B x H (mm):	320 x 320 x 395	460 x 610 x 210
Weight	9 kg	15 kg
Voltage	230V, 50Hz / 120 V, 60 Hz	100-240 V, 60 Hz
Sound level in 1m	55 dB (A)	54 dB (A)
Electrical power	115 VA	175 VA
Max. vacuum	1800 Pa	2.300 Pa
Max. capacity	180 m³/h	100 m³/h
Fine dust filter	Fine dust filter M 5	Fine dust filter F 7
Filter	EPA Filter E 12 and active carbon (*Set incl. filter M 5)	Compact filter EPA filter E 12 and 50% active carbon, 50% Puratex



Zero Smog 4V



Zero Smog 6V

Dimensions L x B x H (mm):	320 x 320 x 395	450 x 450 x 650
Weight	19 kg	40 kg
Voltage	230 V / 50 Hz (120 V / 60 Hz)	230 V / 50 Hz
Sound level in 1m	48 dB (A)	51 dB (A)
Electrical power	275 VA	460 VA
Max. vacuum	2700 Pa	2800 Pa
Max. capacity	230 m ³ /h	615 m ³ /h
Fine dust filter	Fine dust filter F 7	Fine dust filter F 7
Filter	Compact filter EPA filter E 12 (50% active carbon, 50% Puratex)	Compact filter EPA filter E 12 (50% active carbon, 50% Puratex)

Volume Extraction



- Low maintenance
- Flexible
- Quick and easy installation
- For different applications

For applications where volume extraction is more suitable, e.g. solder baths, hot air soldering, micro solders and gluing work, Weller offers the mobile systems Zero Smog 4V and Zero Smog 6V. The units purify the air upto 8 workplaces. A wide range of accessory is available for each system.



- Constant flow control (CFC)
- Efficiency test via USB port
- Acoustical and optical filter alarm

Zero Smog 4V

- For upto 4 workplaces

Order-no.	Model	Description
T005 36 606 99	Zero Smog 4V	Mobile fume extraction unit 230 V / 50 Hz, for volume extraction with built in turbine

Scope of supply:

Fume extraction unit 230 V / 50 Hz
Filter (EPA filter E 12 and wide band gas filter
50% active carbon / 50% Puratex)
Fine dust filter F 7



- Constant flow control (CFC)
- Efficiency test via USB port
- Acoustical and optical filter alarm

Zero Smog 4V

- Includes adhesive fume filter
- For upto 4 workplaces

Order-no.	Model	Description
T005 36 616 99	Zero Smog 4V	Mobile fume extraction unit 230 V / 50 Hz for volume extraction with built in turbine with adhesive fume filter

Scope of supply:

Fume extraction unit 230 V / 50 Hz
Filter for adhesive fumes (wide band gas filter
50% active carbon / 50% Puratex)
Fine dust filter F 7

Zero Smog 4V Kit 1 sloped nozzle

- For upto 4 workplaces
- Set with 1 Extraction arm and Sloped nozzle



Order-no.	Model	Description
T005 36 636 99	Zero Smog 4V Kit 1 sloped nozzle	Mobile fume extraction kit 230 V / 50 Hz for 1 workplace - upgrading to 4 workplaces possible with further accessories

Scope of supply:

T005 36 606 99	Zero Smog 4V	Fume extraction unit 230 V / 50 Hz Compact filter (EPA filter E 12 and wide band gas filter 50% active carbon / 50% Puratex) Fine dust filter F 7
T005 36 572 99		Kit 1 WF Sloped 60 for volume extraction (50% Active carbon , 50% Puratex)

Consists of:

T005 36 578 99		Extraction arm
T005 36 577 99		Sloped nozzle
T005 36 574 99	WV 60	Stop valve incl. bench mounting brackets
T005 36 575 99		Bench mounting bracket
T005 36 576 99		Extraction hose

Zero Smog 4V Kit 2 sloped nozzle

- For upto 4 workplaces
- Set with 2 Extraction arms and Sloped nozzle



Order-no.	Model	Description
T005 36 656 99	Zero Smog 4V Kit 2 sloped nozzle	Mobile fume extraction kit 230 V / 50 Hz for 2 workplaces - upgrading to 4 workplaces possible with further accessories

Scope of supply:

T005 36 606 99	Zero Smog 4V	Fume extraction unit 230 V / 50 Hz Compact filter (EPA filter E 12 and wide band gas filter 50% active carbon / 50% Puratex) Fine dust filter F 7
2 x T005 36 572 99		KIT 1 WF Sloped 60 for volume extraction

Consists of:

2 x T005 36 578 99		Extraction arm
2 x T005 36 577 99		Sloped nozzle
2 x T005 36 574 99	WV 60	Stop valve incl. bench mounting brackets
2 x T005 36 575 99		Bench mounting bracket
2 x T005 36 576 99		Extraction hose

Zero Smog 4V Kit 1 Funnel nozzle

- For upto 4 workplaces
- Set with 1 Extraction arm and funnel nozzle



Order-no.	Model	Description
T005 36 626 99	Zero Smog 4V Kit 1 Funnel nozzle	Mobile fume extraction kit 230 V / 50 Hz for 1 workplace - upgrading to 4 workplaces possible with further accessories

Scope of supply:

T005 36 606 99	Zero Smog 4V	Fume extraction unit 230 V / 50 Hz Compact filter (EPA filter E 12 and wide band gas filter 50% active carbon / 50% Puratex) Fine dust filter F 7
T005 36 571 99		Kit 1 WF Funnel 60 for volume extraction

Consists of:

T005 36 578 99		Extraction arm
T005 36 573 99		Funnel nozzle
T005 36 574 99	WV 60	Stop valve incl. bench mounting brackets
T005 36 575 99		Bench mounting bracket
T005 36 576 99		Extraction hose

Zero Smog 4V Kit 2 Funnel nozzle

- For upto 4 workplaces
- Set with 2 Extraction arm and funnel nozzle



Order-no.	Model	Description
T005 36 646 99	Zero Smog 4V Kit 2 Funnel nozzle	Mobile fume extraction kit 230 V / 50 Hz for 2 workplace - upgrading to 4 workplaces possible with further accessories

Scope of supply:

T005 36 606 99	Zero Smog 4V	Fume extraction unit 230 V / 50 Hz Compact filter (EPA filter E 12 and wide band gas filter 50% active carbon / 50% Puratex) Fine dust filter F 7
2 x T005 36 571 99		KIT 1 WF Funnel 60 for volume extraction

Consists of:

2 x T005 36 578 99		Extraction arm
2 x T005 36 573 99		Funnel nozzle
2 x T005 36 574 99	WV 60	Stop valve incl. bench mounting brackets
2 x T005 36 575 99		Bench mounting bracket
2 x T005 36 576 99		Extraction hose

WFE 2ES Set

- For max. 2 workplaces
- Set with 1 Extraction arm and Funnel nozzle
- Economy solution



Order-no.	Model	Description
T005 36 516 89	WFE 2ES Set	Mobile solution for volume extraction for max. 2 workplaces, quick and easy to install for 1 workplace

Scope of supply:

T005 36 506 99	WFE 2ES	Fume extraction unit - Compact filter, consists of: EPA filter E 12, active carbonate foam, Fine dust filter M 5
T005 36 571 99		KIT 1 WF Funnel 60 for volume extraction

Consists of:

T005 36 578 99		Extraction arm
T005 36 573 99		Funnel nozzle
T005 36 574 99	WFFV 60	Stop valve incl. bench mounting brackets
T005 36 575 99		Bench mounting bracket
T005 36 576 99		Extraction hose

WFE 2ES

- For max. 2 workplaces
- Economy solution



Order-no.	Model	Description
T005 36 506 99	WFE 2ES	Fume extraction unit 230 V with EPA filter E 12 active filter, fine dust filter M 5
T005 36 506 70	WFE 2ES	WFE 2ES with wide band gas filter for adhesive fumes

Volume Extraction

WFE 2X Kit

- For max. 2 workplaces
- Set with 1 Extraction arm and Sloped nozzle



Order-no.	Model	Description
T005 36 587 99	WFE 2X Kit 1S	Mobile fume extraction unit 100-240 V with Sloped stativ extraction arm for 1 workplace

Scope of supply:

T005 36 588 99	WFE 2X	Fume extraction unit 100-240 V / 50/60 Hz
T005 36 579 99		Easy-Click-60 2 joint aluminium arm with sloped nozzle, length 1,2 m

Consists of:

T005 36 598 99	Stativ extraction arm without valve
T005 36 575 99	Bench mounting bracket
T005 36 576 99	Extraction hose
T005 36 577 99	Sloped nozzle
	Extraction arm 70 cm

WFE 2X Kit 1

- For max. 2 workplaces
- Set with 1 extraction arm



Order-no.	Model	Description
T005 36 589 99	WFE 2X Kit 1	Mobile fume extraction unit 100-240 V with Sloped stativ extraction arm for 1 workplace

Scope of supply:

T005 36 588 99	WFE 2X	Fume extraction unit 100-240 V / 50/60 Hz
T005 36 719 99		in the scope of supply

Consists of:

Stop valve
Bench mounting bracket
Extraction hose flexible 3 m
Extraction arm ø 60 mm with funnel
Funnel nozzle



WFE 2X

- For max. 2 workplaces

Order-no.	Model	Description
T005 36 588 99	WFE 2X	Fume Extraction Unit 230 V / 50 Hz for volume extraction

Scope of supply:

WFE 2X Fume extraction unit 100-240 V / 50/60 Hz
Active carbon (EPA Filter E 12, wide band gas filter (50% Active carbon / 50% Puratex))



- Constant flow control (CFC)
- Efficiency test via USB port
- Acoustical and optical filter alarm

Zero Smog 6V

- For upto 6 workplaces
- 1 connection included
- Further connections must be ordered separately

Order-no.	Model	Description
T005 36 666 99	Zero Smog 6V	Mobile fume extraction unit 230 V / 50 Hz, for volume extraction with built in turbine
Scope of supply:		
T005 87 358 38		Fume extraction unit 230 V / 50 Hz
T005 87 358 37		Compact filter, consists of EPA filter E 12 and wide band gas filter (50% Active carbon, 50% Puratex)
		Fine dust filter F 7



- Constant flow control (CFC)
- Efficiency test via USB port
- Acoustical and optical filter alarm

Zero Smog 6V

- Fume extraction with adhesive fume filter
- For upto 6 workplaces
- 1 connection included
- Further connections must be ordered separately

Order-no.	Model	Description
T005 36 667 99	Zero Smog 6V	Mobile fume extraction unit 230 V / 50 Hz, for volume extraction with built in turbine and adhesive fume filter
Scope of supply:		
T005 87 358 35		Fume extraction unit 230 V / 50 Hz
T005 87 358 37		Compact filter for adhesive fumes (wide band gas filter 50% active carbon / 50% Puratex)
		Fine dust filter F 7

Accessoires Volume Extraction: Extraction Arm Sets



Easy Click 60 Kit 1 WF 32

- Microscope extraction arm
- With sloped nozzle



Order-no.	Model	Description
T005 87 627 70	Kit 1 WF 32	Easy-Click-60 Microscope Extraction arm Ø 32 mm, Set flexible, length 1 m

Consists of:

T005 36 574 99	Stop valve with bench mounting brackets
T005 36 576 99	Extraction hose flexible 3 m
T005 36 580 99	Extraction arm ø 32 mm

Easy Click 60 Kit 1 WF Funnel

- With funnel



Order-no.	Model	Description
T005 36 571 99	Kit 1 WF	Easy-Click-60 Extraction arm with funnel, width 230 mm, height 100 mm, Set flexible, Ø 60 mm, length 1 m

Consists of:

T005 36 574 99	Stop valve with bench mounting brackets
T005 36 576 99	Extraction hose flexible 3 m
T005 36 578 99	Extraction arm ø 60 mm
T005 36 573 99	Funnel nozzle

Easy Click 60 Kit 1 WF Nozzle

- With sloped nozzle



Order-no.	Model	Description
T005 36 572 99	Kit 1 WF	Easy-Click-60 Extraction arm with sloped nozzle, 60 mm, length 1 m

Consists of:

T005 36 574 99	Stop valve with bench mounting brackets
T005 36 576 99	Extraction hose flexible 3 m
T005 36 578 99	Extraction arm ø 60 mm
T005 36 577 99	Sloped nozzle

Easy Click 60 Kit 1S WF Nozzle

- With sloped nozzle
- With 2 joint arms



Order-no.	Model	Description
T005 36 579 99	Kit 1S WF sloped nozzle	Easy-Click-60 2 joint aluminium arm with sloped nozzle, length 1,5 m
Consists of:		
T005 36 598 99		2 joint arms
T005 36 575 99		Bench mounting brackets
T005 36 576 99		Extraction hose flexible 3 m
		Extraction arm ø 60 mm, 0,7 m
T005 36 577 99		Sloped nozzle

Easy Click 60 Kit 1S WF Funnel

- With funnel nozzle
- With 1 joint arms



Order-no.	Model	Description
T005 87 627 63	Kit 1S WF funnel nozzle	Easy-Click-60 Extraction arm with funnel nozzle with stop valve, length 1,20 m
Consists of:		
T005 87 627 47		1 joint arm with stop valve and bench mounting brackets
T005 36 576 99		Extraction hose flexible 3 m
		Extraction arm ø 60 mm, 0,7 m
T005 36 573 99		Funnel nozzle

Accessories Volume Extraction: Extraction Arms

Easy Click 60 Extraction arm



Order-no.

T005 36 578 99

Description

Extraction arm, flexible, Ø 60 mm for sloped and funnel nozzles, length 1 m

T005 87 627 77

Extraction arm, flexible, Ø 60 mm for sloped and funnel nozzles, length 1,5 m.

on request

Extraction arm, flexible, Ø 60 mm for sloped and funnel nozzles, length 0,7 m

Easy Click 60 WF 32

■ Ø 32 mm



Order-no.

T005 36 580 99

Description

ESD microscope extraction arm, flexible, Ø 32 mm

Easy Click 60 Joint extraction arm

■ With single pivot arm



Order-no.

T005 87 627 47

Description

Aluminium stativ extraction arm ESD safe.

Easy Click 60 Joint extraction arm

■ With dual pivot arm



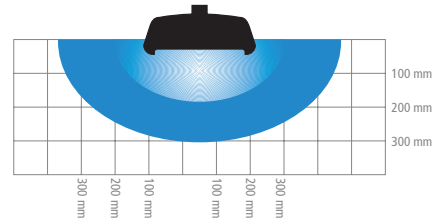
Order-no.

T005 36 598 99

Description

Aluminium stativ extraction arm, ESD safe

Easy Click 60 Funnel nozzle



Order-no.	Model	Description
T005 36 573 99	WF 60	Funnel nozzle for flexible extraction arm, width 230 mm, high 100 mm

Easy Click 60 Sloped nozzle



Order-no.	Model	Description
T005 36 577 99	WF 60	Sloped nozzle for flexible extraction arm

Exhaust hood



Bestell-Nr.	Beschreibung
T005 87 358 45	Exhaust hood, 200 x 100 mm (7.87 x 3.93 in), recommended for use with hot air soldering operations uses extraction hose 60. Metal black.

Remote control



Order-no.	Description
1 T005 87 359 09	For WFE 2S, WFE 4S, Zero Smog 4V, WFE 20D, Zero Smog 20T
2 T005 36 593 99	For WFE 2X

RS 232 Interface cable



Order-no.	Description
T005 31 191 99	Interface cable RS 232, 2 m (78.74 in) for remote control or monitoring by PC (type 1:1) (T005 87 359 09)
Order-no.	Description
T005 87 627 24	Adapter Remote control Zero Smog 4V
Order-no.	Description
T005 87 647 10	Cable WX

Connection table see page 103

Pre filter box

■ For WFE 2X



Order-no.	Description
T005 87 627 57	Pre filter box for WFE 2X, Pre filter for large fine dust quantities
T005 87 627 58	Pocket filtering F 7 for Pre filter box (5 pieces)

Hanging Bracket
for WFE 2X



Order-no.	Description
T005 36 591 99	Hanging Bracket for WFE 2X. For fixing WFE 2X on the work table.



Trolley with wheels

- For WFE 2X
- For mobile use

Order-no.

T005 36 592 99

Description

Trolley with wheels for WFE 2X



Exhaust connector

- For Zero Smog 6V

Order-no.

T005 87 358 40

Description

Exhaust connector DN 100 for Zero Smog 6V and WFE 4S

Exhaust connector

- For Zero Smog 4V
Zero Smog 6V

Order-no.

T005 87 359 15

Description

Exhaust connector DN 75 for WFE 2S, Zero Smog 4V, Zero Smog 6V and WFE 4S

Easy Click 60 Extension hose 1 m, 3 m, 5 m



Order-no.

T005 87 354 27
T005 36 576 99
T005 87 627 56

Description

Extension hose 1 m
Extension hose 3 m
Extension hose 5 m

Extension hose 60 Sold by metre



Order-no.

T005 87 620 36

Description

Extension hose, heavy construction,
sold by metre (max. length 15 m)

Hose connection 60 mm



Order-no.

T005 87 627 68

Description

Hose connection 60 mm for flexible hose,
sold by the metre T005 87 620 36.

Easy Click 60 Female adapter



Order-no.

T005 87 627 72

Description

Female adapter for installation e.g. stop valve on
fume extraction units

Easy Click 60 Male adapter



Order-no.

T005 87 627 55

Description

Male adapter for hose extension, Ø 60 mm

Easy Click 60 Hose connector, straight



Order-no.
T005 87 627 67

Description
Hose connector, straight for WFE 2S / WFE 4S,
Zero Smog 4V / Zero Smog 6V and pre filter box

Easy Click 60 Hose connector, angle 90°



Order-no.
T005 87 627 69

Description
Hose connector, angle 90° for WFE 2S / WFE 4S,
Zero Smog 4V / Zero Smog 6V and pre filter box

Easy Click 60 WV 60 Stop valve



Order-no.
T005 36 574 99

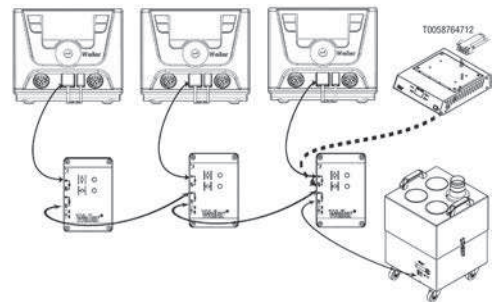
Description
WV 60 Stop valve incl. bench mounting brackets

Easy Click 60 WV 60 A



Order-no.
T005 87 627 46

Description
WV 60 A Stop valve 230 V



Easy Click 60 WV 60 Stop valve



Order-no.
T005 87 627 65

Description
WV 60 Stop valve for extraction arm

Easy Click 60 Butterfly valve Spare



Order-no.
T005 87 628 08

Description
Butterfly valve for WV 60 stop valve

Easy Click 60 T-piece



Order-no.

T005 87 627 66

Description

T-piece with 2 male connections and 1 female connection

Easy Click 60 End Cap



Order-no.

T005 87 627 74

Description

End Cap 60 mm click connections

Hose adapter Ø 50 mm



Order-no.

T005 87 627 53

Description

Hose adapter for WFE 2ES
–with Silicon O-Ring, Ø 50 mm

Bench mounting brackets



Order-no.

T005 36 575 99

Description

Bench mounting brackets (2 clamp)

Adapter ø 75 mm



Order-no.

T005 87 627 71

Description

Adapter ø 75 mm for Easy-Click 60

Adapter 40/60



Order-no.

T005 87 627 50

Description

40/60 Adapter for Easy Click 60 Extraction arms
on 50 mm WFEMP50 power socket

Hose clamp 50 – 70 mm



Order-no.

T005 87 358 79

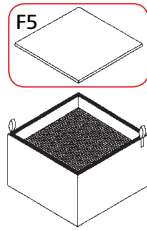
Description

Hose clamps 50 – 70 mm, 2 pieces,
for securing extraction hose 50 mm

Accessories Fume Extraction

Fine dust filter M 5

- For WFE 2S, Zero Smog 4V
- 10 pieces

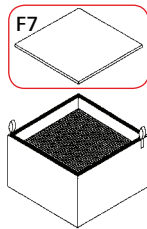


Order-no.
T005 87 359 37

Description
Fine dust filter for WFE 2S, Zero Smog 4V

Fine dust filter F 7

- For WFE 2S, Zero Smog 4V
- 10 pieces

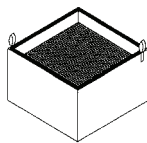


Order-no.
T005 87 359 38

Description
Fine dust filter for WFE 2S, Zero Smog 4V

Compact filter

- For WFE 2S, Zero Smog 4V

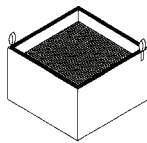


Order-no.
T005 87 359 36

Description
Compact filter for WFE 2S, Zero Smog 4V, EPA filter E 12 EN 1822 and 50% active carbon, 50% Puratex

Wide band gas filter

- For WFE 2S, Zero Smog 4V
- From October 2013 supplied in cardboard housing

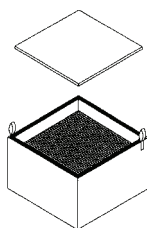


Order-no.
T005 87 358 95

Description
Compact filter for adhesive fume, wide band gas filter (50% active carbon, 50% Puratex)

Filterset E 12

- For WFE 2ES, WFE 2CS

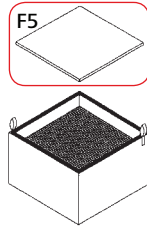


Order-no.
T005 87 627 01

Description
Filterset E 12 with 10 Prefilter M 5, EPA Filter E 12, wide band gas filter (10% active carbon)

Fine dust filter M 5

- For WFE 2ES / CS
- 10 pieces



Order-no.

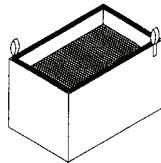
T005 87 627 03

Description

Fine dust filter M 5

Compact filter

- For WFE 2X



Order-no.

T005 36 590 99

Description

EPA Filter E 12, wide band gas filter
(50% active carbon / 50% Puratex)

Pocket filter F 7 for WFE 2X

- For Pre filter box WFE 2X

Order-no.

T005 87 627 58

Description

Pocket filter for Pre filter box for WFE 2X

Pocket filter F 7

- For WFE 2S / WFE 4S,
Zero Smog 4V /
Zero Smog 6V



Order-no.

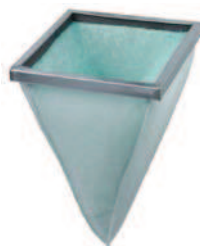
T005 87 358 60

Description

Pocket filter F 7.
For applications with a high fine dust rate.

Filtrating ash

- For Pre filter box
- For WFE 2S / WFE 4S,
Zero Smog 4V /
Zero Smog 6V



Order-no.

T005 87 359 24

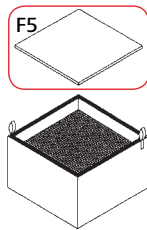
Description

Filtrating fine dust for sticky particles
(e.g. large quantities of liquid flux)

Accessories Fume Extraction

Fine dust filter M 5

- For Zero Smog 20T / WFE 20D and Zero Smog 6V / WFE 4S
- 10 pieces



Order-no.

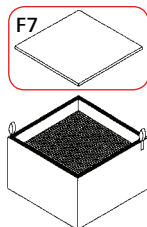
T005 87 358 37

Description

Fine dust filter M 5

Fine dust filter F 7

- For Zero Smog 20T / WFE 20D and Zero Smog 6V / WFE 4S
- 10 pieces



Order-no.

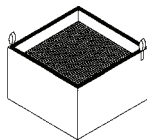
T005 87 358 36

Description

Fine dust filter F 7

Compact filter

- For Zero Smog 20T / WFE 20D and Zero Smog 6V / WFE 4S



Order-no.

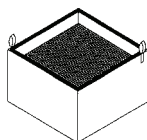
T005 87 358 38

Description

Compact filter
EPA filter E 12, wide band gas filter
(50% active carbon, 50% Puratex)

Adhesive fume filter

- For Zero Smog 6V / WFE 4S
- For adhesive fumes



Order-no.

T005 87 358 35

Description

Compact filter for adhesive fumes,
wide band gas filter
(50% active carbon, 50% Puratex)

Pipe System 75 Volume Extraction

Volume extraction systems require a large volume of air to be extracted and the level of vacuum is of lesser importance. This means that a relatively large diameter pipe system is required. If the pipe diameter was too small the flow resistance would increase and extraction capacity reduced. The pipe system 75 allows installations up to 30 m with the WFE 4S uses in a stand alone system. The pipe sections are designed to stick together and have internal sealing bushes. *PEHD = Polyethylen high density, PE = Polyethylen.

Pipe 2 m



Order-no.

T005 87 358 70

Description

Pipe 2 m, with seal at one end, plastic, PEHD black

Right angle pipe 90°



Order-no.

T005 87 358 69

Description

Right angle pipe, 90°, 0,2 m, with seal at one end, plastic, PEHD black

T-piece 2 x 90°



Order-no.

T005 87 358 71

Description

T-piece, 2 x 90°, 0,5 m, with 3 seals, plastic, PEHD black

End seal



Order-no.

T005 87 358 55

Description

End seal, PE, transparent

Pipe clamps



Order-no.

T005 87 358 64

Description

Pipe clamps, PE, grey

Adapter



Order-no.

T005 87 358 63

Description

Adapter PEHD pipe system 75 to pipe system 50, with seals 2 seals

T005 87 358 56

Adapter PEHD pipe system 75 to pipe system 50, without seals

Tip Extraction



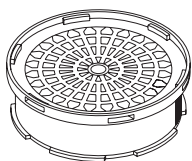
WFE



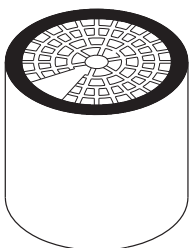
WFE P



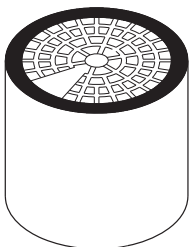
Spare filter



Compressed air
cleaning filter



Compact filter



Compact filter
for adhesive fumes



Fine dust filter F 7

Safety rests



KHP 81



KHE 81



KHE / KHP 81
Additional
safety rest

FE Soldering Irons



FE 75
LT Soldering tips



FE 80
HT Soldering tips

Attachments and Accessories



FE-Attachment



Extraction hose 5 mm



Locking clip



FE-Attachment



FE-Clip-Set Pipe Ø 6mm



FE-Clip-Set Pipe Ø 4,5 mm

Pipe system 50 and Accessories



Pipe 2 m



Right angle pipe 0°, 0,2 m



T-piece 2 x 90°, 0,5 m



Branch
2 x 45°, 0,3 m



Double socket



End seal



Pipe clamps



Zero Smog 20T

Interface cable



WX Adapter for
Zero Smog 20T
with remote control
T005 87 627 24

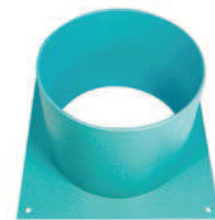
WX
compatible

WX
Connection cable
T005 87 647 10

Remote control



Exhaust connector



DN 100

Accessories



Extraction hose 40,
1 m complete with
2 connecting elements



Extension hose
5,0 m, DN 17



Extraction hose 40,
sold by metre



Connection nipple DN 17 +
Nut G 3/8" for connection nipple



Connection element



Adapter DN 17 for connection
extension hose 17 with 5 mm
hose of FE iron

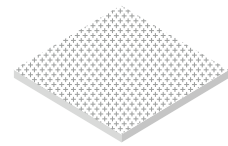


End cap

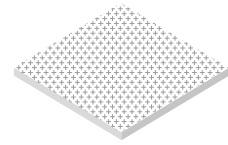


Connection nipple for 5 mm hose of
FE iron for direct connection to pipe system

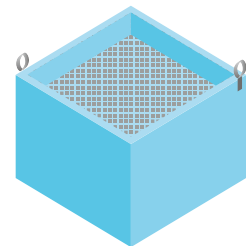
Spare filter



Fine dust filter M 5



Fine dust filter F 7



Compact filter

Tip Extraction

The Weller FT 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 the staff exposed to them. The Weller Zero Smog Systems' combination of pumps, electronic controls and filters removes this hazard.

Tip Extraction

Weller FT 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 Zero Smog 20T mobile unit driving up to 20 irons. Fume extraction attachments can be retro fitted to non fume extraction Weller soldering irons.



WFE

- For 2 soldering irons
- Compressed air operated



low sound level



Order-no.	Model	Description
T005 36 402 99	WFE	Portable fume extraction unit for tip suction, compressed air operated

Scope of supply:

- Fume extraction unit
- Compressed air cleaning filter
- Compact filter (EPA filter E 12 and wide band gas filter 50% active carbon / 50% Puratex)
- Fine dust filter F 7

WFE P

- For 2 soldering irons
- With built in pump



low sound level



Order-no.	Model	Description
T005 36 386 99	WFE P	Portable fume extraction unit for tip suction with built in pump (do not use for 24 h continuous operation)

Scope of supply:

- Fume extraction unit 230 V / 50 Hz
- Compact filter (EPA filter E 12 and wide band gas filter 50% active carbon / 50% Puratex)
- Fine dust filter F 7



Zero Smog 20T

■ For 20 soldering irons



low sound level

Order-no.	Model	Description
T005 36 4706 99	Zero Smog 20T	Fume extraction unit 230 V / 50 Hz, for tip suction with built in turbine

Scope of supply:

Fume extraction unit 230 V / 50 Hz
Compact filter (EPA filter E12 and wide band gas filter
50% active carbon / 50% Puratex)
Fine dust filter F 7

Specifications Zero Smog 20T

Dimensions L x B x H	450 x 450 x 695 mm
Weight	45 kg
Mains supply voltage	T005 36 706 99: 230 V / 50 Hz T005 36 702 99: 120 V / 60 Hz
Electrical power rating	530 VA
Fuse	T 3, 15 A
Maximum vacuum	10.000 Pa
Maximum quantity supplied	100 m ³ /h
Noise emission level	51 dB(A)
Pre filter Stage 1	Pre filter mat class F7
Combined filter Stage 2,3	Combined E12 high efficiency submicron filter (99.95 % particle separation upto 0.12 µm) and wide band gas filter (50 % activated carbon, 50 % Puratex)
RS232 port	All system functions can be operated and remotely monitored via the RS232 port.
USB port	The USB port can be used to load firmware updates, run efficiency tests and log data. Do not leave the USB medium inserted for longer than 2 minutes. After this time expires, the USB module will switch off automatically.

Accessories Tip Extraction



FE 75 Set

Order-no.	Model	Description
T005 33 151 99	FE 75 Set	FE-Soldering iron Set 80 W / 24 V

Scope of supply:

T005 29 166 99	FE 75	FE-Soldering iron 80 W / 24 V with soldering tip LT B
T005 15 020 99	KH 20	Safety rest
T005 87 447 28		Funnel for FE 75
T005 25 409 99		Cleaning brush for FE tube



FE 80

Order-no.	Model	Description
T005 26 162 99	FE 80	FE-Soldering iron 80 W / 24 V

Scope of supply:

	FE 80	FE-Soldering iron 80 W / 24 V with soldering tip HT B
T005 87 337 59		Funnel for FE 80
T005 25 409 99		Cleaning brush for FE tube

Please order related safety rest KH 20 separately!

Accessories for FE-soldering irons



Safety rest KH 20

Order-no.	Description
T005 15 020 99	KH 20 Safety rest



Locking clip

Order-no.	Description
T005 36 352 99	Locking clip for extraction hose



Extraction hose

Order-no.	Description
T005 25 410 00	Extraction hose (spare), by metre, 5 mm

FE attachments

A range of FE attachments is available to fit to Weller soldering and desoldering irons to convert standard products to fume extraction versions. The attachments are supplied with all necessary fittings and hoses. The performance of the retro fitted tools is not affected.



Order-no.	Description
T005 25 125 99	FE-attachment for LR 21, LR 82, TCPs, W 61, W 101, WP 200, WXP 200 WSP 150
T005 28 126 99	FE-attachment for WSF 80D5/D8 for AKS safety rest
T005 13 125 99	FE-attachment for DS 22, DS 80 and DSX 80 desoldering iron

Universal FE attachments

For Weller soldering irons WP 80, WSP 80, WMP, WMRP, MLR 21 or soldering irons with handle diameter Ø 10-13 mm. Clip will be fasten with an O-ring to the soldering iron.



Order-no.	Description
T005 29 186 99	FE-attachment with tube Ø 6 mm for WSP 80, WP 80, MLR 21, WMP, WP 120
T005 29 214 99	FE-attachment with tube, Ø 6 mm for WP 65 and WP 120
T005 29 185 99	FE-attachment with tube Ø 4,5 mm, for WMRP and WSP 80, WP 80, MLR 21, MLR 80, WMP, for fine soldering applications
T005 87 448 75	FE-Clip-Set for FE-attachment, tube Ø 4,5 mm
T005 87 448 76	FE-Clip-Set for FE-attachment, tube Ø 6,0 mm



T005 87 657 98	FE-Add-on kit, attachment tube Ø 6 mm WXP 120
T005 87 657 99	FE-Add-on kit, attachment tube Ø 6 mm WXP 65



Safety rest WDH 50

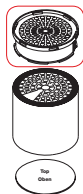
■ With Stop+Go function



Order-no.	Model	Description
T005 15 156 99	WDH 50	Safety rest with Stop+Go function for WMRP iron with FE-attachment

Compressed air cleaning filter

- For WFE and WFE P



Order-no.

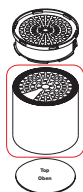
T005 87 357 57

Description

Compressed air cleaning filter (active carbon)

Compact filter

- For WFE and WFE P



Order-no.

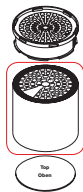
T005 36 410 99

Description

Compact filter (EPA filter E 12 and wide band gas filter 50% active carbon / 50% Puratex)

Compact filter

- For adhesive fumes
- For WFE and WFE P



Order-no.

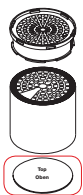
T005 36 407 99

Description

Compact filter (EPA filter E 12 and wide band gas filter 100% active carbon)

Fine dust filter F 7

- For WFE and WFE P
- 3 pieces



Order-no.

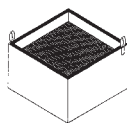
T005 36 421 99

Description

Fine dust filter F7

Compact filter

- For Zero Smog 20T / WFE 20D



Order-no.

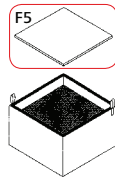
T005 87 358 38

Description

Compact filter (EPA filter E 12 and wide band gas filter 50% active carbon / 50% Puratex)

Fine dust filter M 5

- For Zero Smog 20T / WFE 20D
- 10 pieces



Order-no.

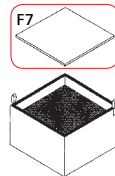
T005 87 358 37

Description

Fine dust filter M 5 for Zero Smog 20T / WFD 20D

Fine dust filter F 7

- For Zero Smog 20T / WFE 20D
- 10 pieces



Order-no.

T005 87 358 36

Description

Fine dust filter F 7 for Zero Smog 20T / WFD 20D

Pipe System 50

Tip extraction systems demand a high value and constant level of vacuum across the installation, the volume of air extracted is of lesser importance. To achieve this it is necessary to use a pipe system with Zero Smog 20T small diameter. The Weller FT pipe system 50 allows extraction installations of up to 200 m when used with the WFE 20D unit in a stand alone system. The pipe sections are designed to stick together and have internal sealing bushes. In a central system, the FE irons are connected directly to the fume extraction units.

*PEHD = Polyethylen high density

Pipe 50, 2 m



Order-no.

T005 36 323 99

Description

Pipe 2 m, with seal at one end, plastic, PEHD black

Right angle pipe 50, 90°



Order-no.

T005 36 322 99

Description

Right angle pipe 90°, 0,2 m, with seal at one end, PEHD black

T-piece 50 2 x 90°



Order-no.

T005 36 344 99

Description

T-piece 2 x 90°, 0,5 m, with 3 seals, plastic, PEHD black

Branch 50 2 x 45°



Order-no.

T005 36 321 99

Description

Branch 2 x 45°, 0,3 m, with 2 seals, plastic, PEHD black

Accessories Tip Extraction

Pipe clamps 50



Order-no.	Description
T005 36 329 99	Pipe clamps for 50 pipe system, grey

End seal 50



Order-no.	Description
T005 36 324 99	End seal, PE, transparent

Double socket 50



Order-no.	Description
T005 36 319 99	Double socket for pipe system 50, PEHD black

Extraction hose 40



Order-no.	Description
T005 36 316 99	Extraction hose 40, 1 m, Ø 40 mm, complete with 2 connecting elements

Extraction hose 40



Order-no.	Description
T005 36 414 00	Extraction hose 40, Ø 40 mm, without connecting elements, sold by metre

Connection element 40-50



Order-no.	Description
T005 36 415 99	Connection element 40-50

Extension hose DN 17



Order-no.	Description
T005 36 326 99	Extension hose DN 17, 5 m



Order-no.	Description
T005 36 338 99	Connection nipple for extraction hose 5 mm (T005 25 410 00)

End cap



Order-no.	Description
T005 87 350 50	End cap for connection nipple (T005 36 338 99)

Adapter



Order-no.	Description
T005 36 343 99	Adapter for connection extension hose 17 with 5 mm extraction hose (T005 36 326 99), 5 mm

Connection nipple



Order-no.	Description
T005 87 358 65	Connection nipple on extension hose DN 17 (T005 36 326 99)

Nut G 3/8"



Order-no.	Description
T005 87 358 66	Nut G 3/8" for connection nipple (T005 87 358 99), 3 pieces

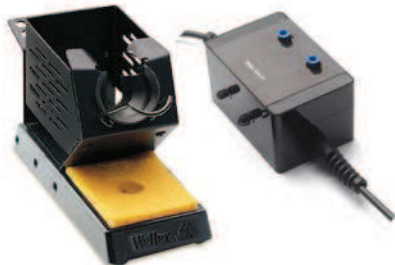
Connection adapter



Order-no.	Description
T005 87 628 10	Connection adapter for Zero Smog 20 T

Safety Rests with Stop+Go function for FE Irons with WFE or WFE P

The Weller safety rests with Stop+Go function are recommended accessories for FE irons using the WFE or WFE P extraction units. A fibre optic sensor switches the extraction unit on when the FE iron is removed from the safety rest and when the FE iron is replaced in the safety rest, after a short delay to gather the fumes from any solder on the tip it switches the unit off. This reduces running costs.



KHP

Order-no.	Model	Description
T005 15 086 99	KHP	Basic unit pneumatic (for WFE) safety rest with Stop+Go function with fibre optic sensor for FE 75 and FE 80



KHE

Order-no.	Model	Description
T005 15 076 99	KHE	Basic unit electric (for WFE P) safety rest with Stop+Go function with fibre optic sensor for FE 75 and FE 80



KHE/P

Order-no.	Model	Description
T005 15 080 99	KHE/P	Second safety rest with fibre optic sensor for extending to 2 workplaces



KHP 81

Order-no.	Model	Description
T005 15 168 99	KHP 81	Basic unit electric (for WFE) safety rest with Stop+Go function with fibre optic sensor for WSP 80, WP 80, WP 120



KHE 81

Order-no.	Model	Description
T005 15 167 99	KHE 81	Basic unit electric (for WFE P) safety rest with Stop+Go function for soldering irons WSP 80, WP 80, WP 120 with fibre optic sensor



KHE / KHP 81

Order-no.	Model	Description
T005 15 161 72	WDH 10T OPTO	Second safety rest for KHE / KHP with fibre optic sensor for extending to 2 workplaces



KH 6

Order-no.	Model	Description
T005 15 006 99	KH 6	Safety rest for FE 75, FE 80



WDH 30

Order-no.	Model	Description
T005 15 152 99	WDH 30	Safety rest for FE 75, FE 80 and LR 21, LR 82 and TCPS with FE attachment