

Weller

Get it soldered and breathe easy.

Soldering & Extraction
Powerful Together.

WE1010 Shield Kit

SOLDERING & EXTRACTION



ZeroSmog WE1010 Shield Kit at a glance

For a seamless and health-conscious soldering experience, Weller bundled its best seller WE1010 soldering station with the new ZeroSmog Shield single filtration unit. This easy-to-use soldering bundle not only ensures precision in your soldering projects, but also prioritizes your health. The advanced filtration system efficiently captures and removes harmful fumes and particles, protecting the operator's respiratory health.

With adjustable temperature control and an ergonomic design, this soldering station offers ease of use, making it ideal for beginners and seasoned professionals alike. Get your project soldered and breathe easy.



Weller
**Protect
your health**
Use **ZeroSmog**

Soldering without fume extraction



Soldering with fume extraction





Easy to use soldering station plus fume extraction unit

- Maximum health protection
- Protect the operator's health and work environment with efficient particulate and gas filtration
- Healthier operators, who enjoy their work more and achieves better soldering results.



Time-Efficient Performance

- Fast soldering success with an efficient and powerful soldering and extraction system
- Save time and increase efficiency



Single User Eco-System

- Self-contained solution
- For soldering and fume extraction needs
- All in one single, easy-to-use ecosystem



The WE1010 Shield kit consisting of the WE1010 soldering station and the new Shield fume extraction system, is a cost-effective, worry-free package for getting all your soldering jobs done in an easy, efficient and healthier way. No matter if you are a professional, an advanced hobbyist or in education.

The ZeroSmog Shield is not designed for industrial use.

WE1010 Soldering Station Get it soldered!

Digital LCD screen

For easy navigation for temperature and includes stand-by mode

Intuitive to use digital soldering station

for a wide range of prosumer and professional soldering tasks

#Powerful



70 W Soldering powerhouse

for fast heat-up and recovery times

70 W Soldering iron with toolless tip

change for more precision

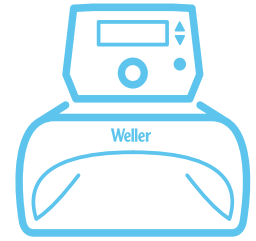


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Learn more
about WE1010

Use **ZeroSmog**

ZeroSmog Shield Fume Extraction Breathe easy!



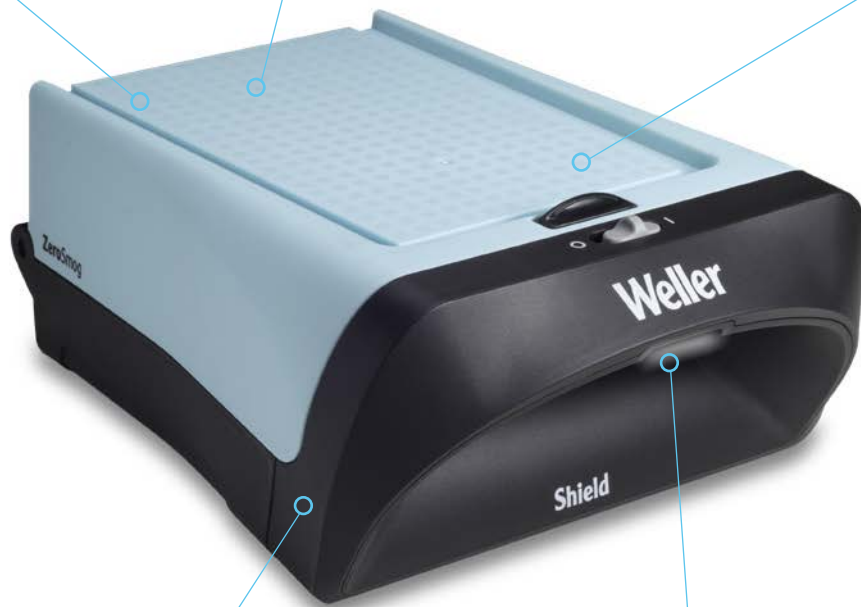
**Antistatic housing
(ESD safe)**

Stackable with WE1010

and other soldering stations
with a footprint of up to
13cm x 18cm, easily moveable.

**Easy filter
change**

Together



Low maintenance

Fume extraction unit with easy
to change filter

Work light

For work zone identification
and an optimal work environment

*The ZeroSmog Shield Fume Extraction Unit is only available
as a bundle with the WE1010 Soldering Station.

Protect your health during hand soldering.

Did you know that

- long and short term exposure to airborne particles and gases can lead to symptoms including dermatitis
- and acne, headaches, eye irritation, sinonasal cancer, sore throats, and lung damage*?
- at least 20 % of employees in the soldering area indicate clinical symptoms of asthma**?
- in many countries legal regulations govern clean air in the work place***?

*HSE Health & Safety Executive in Great Britain

**Results from a study made in USA & Europe

*** E.g. in Sweden and Norway

Good reasons to use Weller ZeroSmog filtration units

- Protect your respiratory system
- Care for health and well-being
- Stay compliant with regulations
- Take responsibility for the environment
- Reduce absence times and healthcare costs
- Increase productivity

Comparison:

Influence of smog inhalation

Fibers, pollen 10 μm

Bacteria, pigments 5 μm

Smog:

Asbestos dust > 10 μm

Viruses > 5 μm

Gas



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Protect
your health

Use **ZeroSmog**

What health risks can develop?

Headache

Eye irritation

Nosebleed

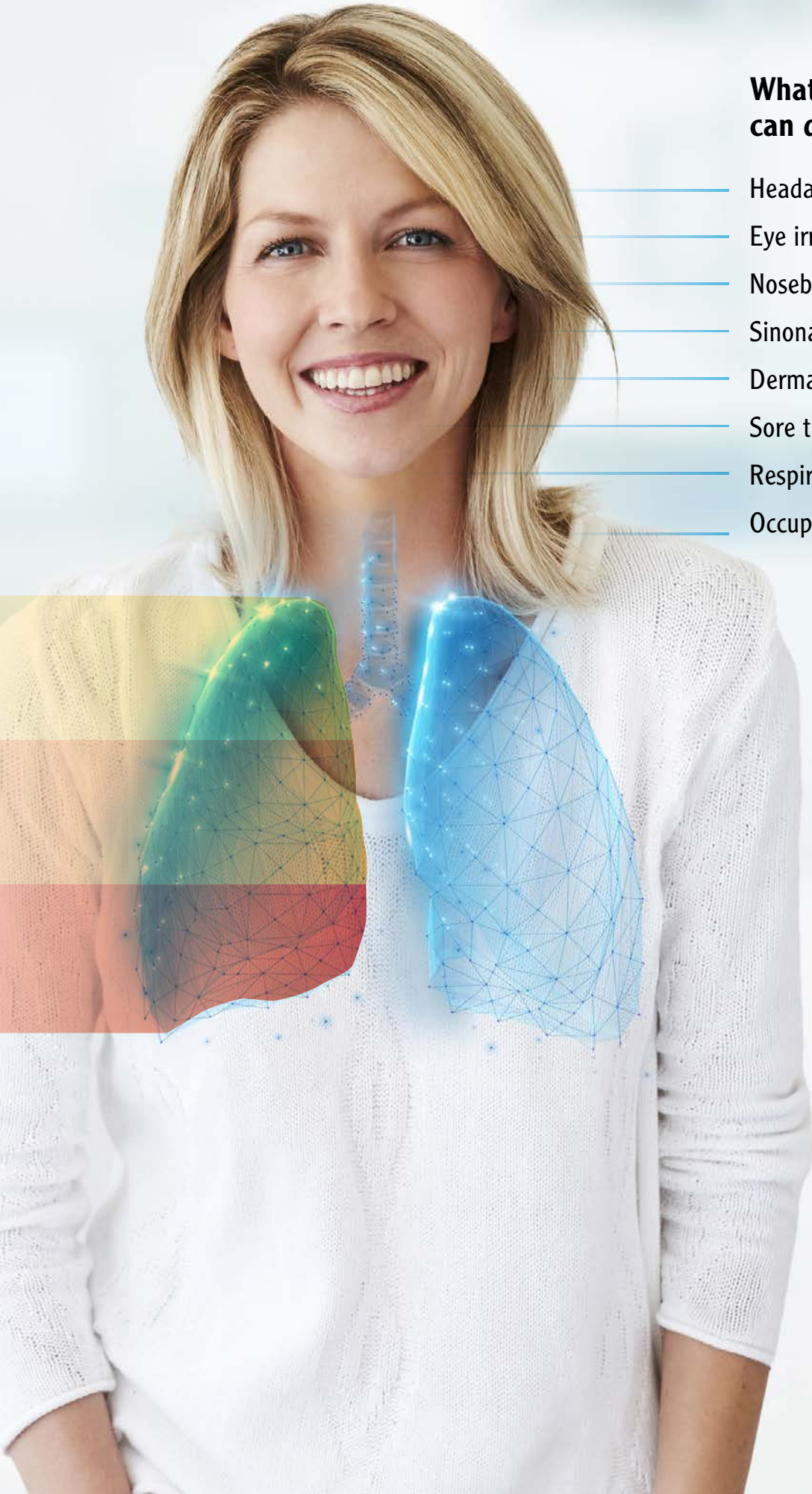
Sinonasal cancer

Dermatitis and acne

Sore throat

Respiratory damage

Occupational asthma



#PowerfulTogether WE1010 Shield Kit

T0053298391



*The ZeroSmog Shield Fume Extraction Unit is only available as a bundle with the WE1010 Soldering Station.

TECHNICAL DATA SOLDERING STATION WE1010	
Dimensions L x W x H	150 x 125 x 100 mm 5,91 x 4,92 x 3,94 inch
Weight	1,9 kg
Mains Supply Voltage	230 V / 50/60 Hz 120 V / 60 Hz 100V / 50/60 Hz
Power consumption	85 W
Safety class	I, antistatic housing III, Soldering tool
Temperature range	100 - 450 °C Tool dependent 200 - 850 °F
Temperature accuracy	Average tip temperature can be „offset“ to +/- 5°C (+/- 9 °F) at idle with no load
Temperature stability	± 6 °C / ± 10 °F
Subject to technical alterations and amendments.	



TECHNICAL DATA ZEROSMOG SHIELD	
Dimensions L x W x H	269.5 x 212 x 110 mm 10.6 x 8.3 x 4.3 inch
Mains supply voltage	100-240 V AC 50/60 Hz
Operating voltage	24 VDC
Power consumption	10 W
Weight	2 kg
Safety class	III
Combined filter	E10 EPA / Activated carbon foam
Maximum vacuum	285 Pa
Maximum airflow	26 m³/h
Operating sound level from 1 m distance	50 dBA at full speed
Subject to technical alterations and amendments.	



WE1010 SHIELD KIT (AVAILABLE AS BUNDLE ONLY)	
Order no.	Description
T0053298391	WE1010 70 W Soldering Station 230V WEP70 70 W Soldering Iron PH70 Safety Rest with Sponge ETA Tip 0.062" / 1.6 mm Screwdriver ZeroSmog Shield EPA E10 Filter

ACCESSORIES	
Order no.	Description
T0058770714	WEP70 TIP Retainer
T0058770715	WEP70 Soldering Iron
T0058770706	PH70 Safety Rest with Sponge
TC205	Sponge replacement
	ET Series Tips
FT91000046	Replacement Filter EPA E10 for ZeroSmog Shield

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