

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 WE1010NA 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.

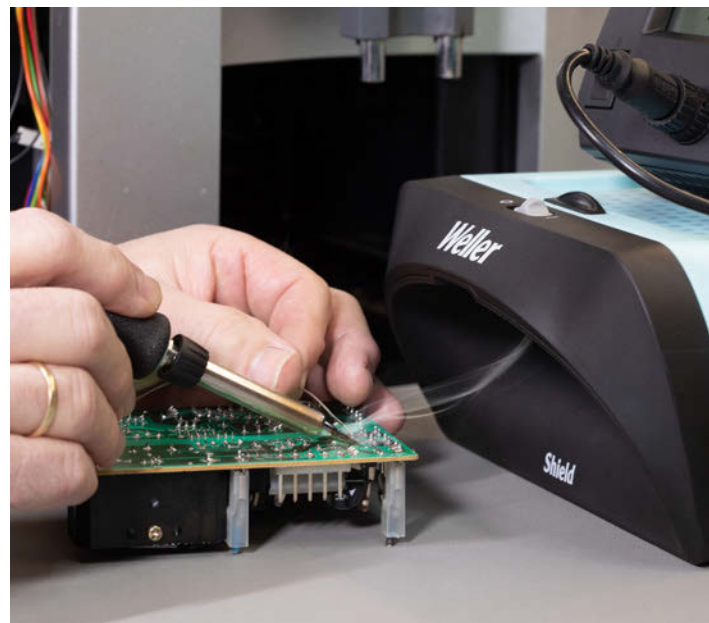


Weller  
**Protect  
your health**  
Use **ZeroSmog**

**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 WE1010NA 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.

# WE1010NA 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

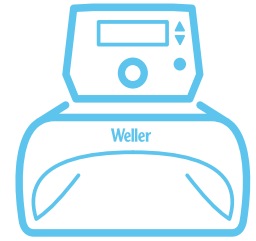


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Learn more  
about WE1010NA

Use **ZeroSmog**

# ZeroSmog Shield Fume Extraction Breathe easy!



**Antistatic housing  
(ESD safe)**

**Stackable with WE1010NA**

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 WE1010NA 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

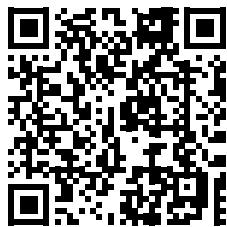
## Comparison:

Influence of smog inhalation

Fibers, pollen 10  $\mu\text{m}$   
Bacteria, pigments 5  $\mu\text{m}$

Smog:  
Asbestos dust > 10  $\mu\text{m}$   
Viruses > 5  $\mu\text{m}$

Gas



Weller  
**Protect your health**

Use **ZeroSmog**

## What health risks can develop?

Headache

Eye irritation

Nosebleed

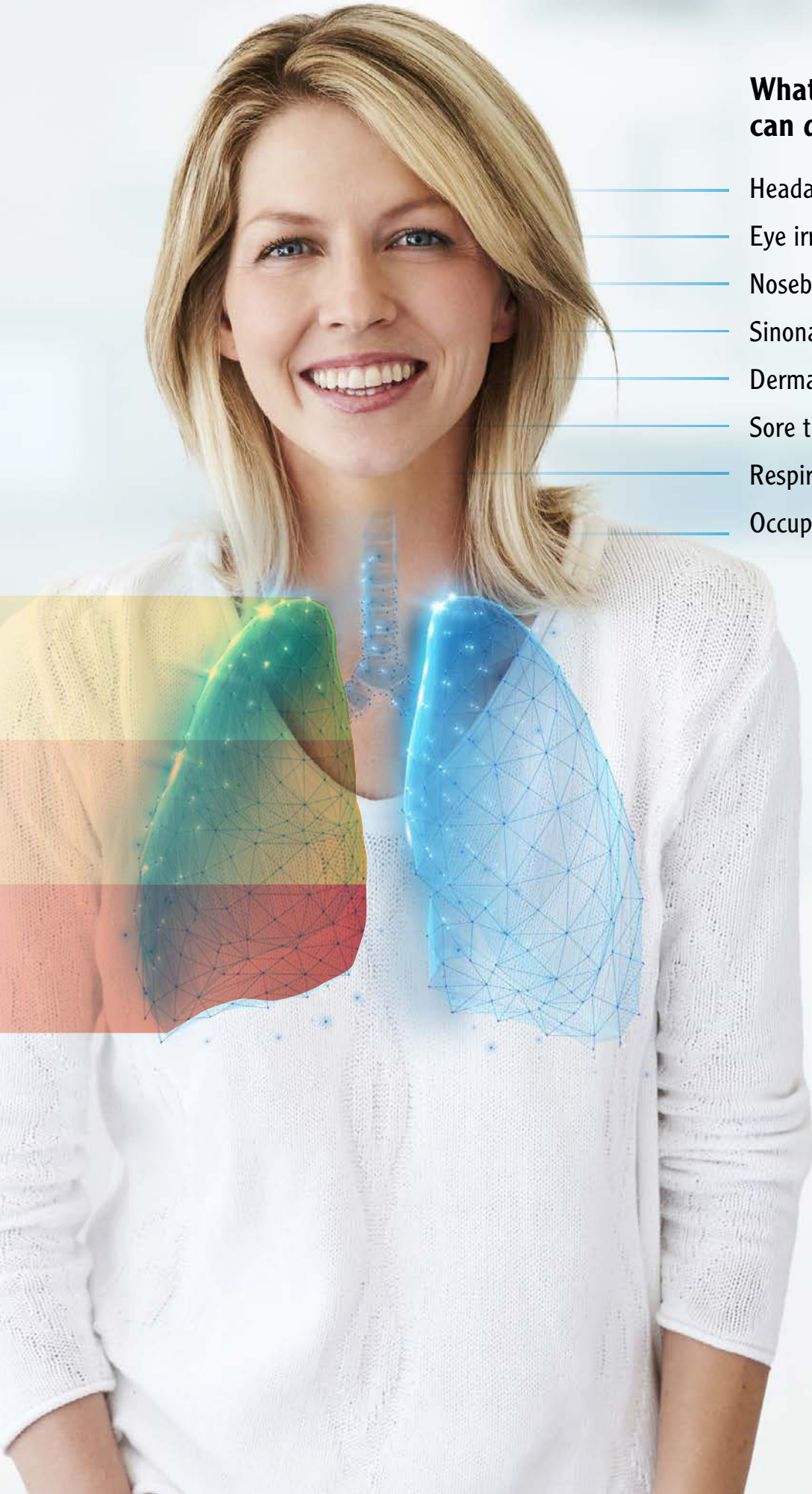
Sinonasal cancer

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 WE1010NA Soldering Station.

TECHNICAL DATA SOLDERING STATION WE1010NA	
<b>Dimensions L x W x H</b>	150 x 125 x 100 mm 5,91 x 4,92 x 3,94 inch
<b>Weight</b>	1,9 kg
<b>Mains Supply Voltage</b>	230 V / 50/60 Hz 120 V / 60 Hz 100V / 50/60 Hz
<b>Power consumption</b>	85 W
<b>Safety class</b>	I, antistatic housing III, Soldering tool
<b>Temperature range</b>	100 - 450 °C <b>Tool dependent</b> 200 - 850 °F
<b>Temperature accuracy</b>	Average tip temperature can be „offset“ to +/- 5°C (+/- 9 °F) at idle with no load
<b>Temperature stability</b>	± 6 °C / ± 10 °F
<b>Subject to technical alterations and amendments.</b>	



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



WE1010NA SHIELD KIT (AVAILABLE AS BUNDLE ONLY)	
Order no.	Description
WE1010NAS	WE1010NA 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

### GERMANY

Weller Tools GmbH  
Carl-Benz-Straße 2  
74354 Besigheim

Tel: +49 (0) 7143 580-0  
Fax: +49 (0) 7143 580-108

### USA

Apex Tool Group, LLC  
670 Industrial Drive  
Lexington, SC 29072

Tel: +1 (800) 688-8949  
Fax: +1 (800) 234-0472

### CHINA

Apex Tool Group  
Room 302A, NO 177 Bibo Road  
Shanghai 201203

Tel: +86 (21) 60880288  
Fax: +86 (21) 60880289