HeatGuns

Weller

#PowerfulTogether



A Heat Gun that works as hard as you

Professional Heat Guns WHG1 and WHG1 ESD

weller-tools.com

Weller Heat Guns
Precise Heat. Consistent Results.

Weller's Swiss-engineered Professional Heat Gun with LCD Display delivers unparalleled performance, convenience and user-friendly operation. This heat gun delivers a fast heat-up time, built-in overheat protection and an impressive 1000+ hours of lifetime. Its ergonomic design provides a comfortable grip and an integrated stand. Additionally, the built-in energy saving function can reduce the lifetime cost of the gun. Experience the precision, versatility, and superior performance of Swiss engineering with Weller's Professional Heat Guns.

1000+ Hours Lifetime
Engineered for longevity in tough working environments

Ceramic Heating Element
For long-lasting, high-heat performance

1440 W Power
For demanding tasks

Energy Saving Modes
Manual, tilt-activated and delayed standby modes, plus defined working windows for temperature and airflow





Ergonomic Grip and Perfect Balance
For a less strenuous work experience and less downtime.



Precise Digital Controls
Quick access to temperature, airflow, presets and working window settings.

Integrated Vertical Stand
Secure 90° positioning for controlled stationary use.

FULL CONFIDENCE IN ALL APPLICATIONS
- Precise settings for demanding production and rework tasks
- Consistent results across applications
- Reliable power delivery for demanding industrial tasks

MORE COMFORT THROUGH LONG SHIFTS
- Ergonomic grip and well-balanced design
- Low 67 dB(A) noise emission

LOWER TCO & LESS DOWNTIME
- Reduced energy consumption with intelligent Energy Saving Modes
- 1000+ hour lifetime for longer productive use

Precise Digital Controls
Full flexibility and precision for demanding and complex tasks

ESD-Safe Housing
(only WHG1 ESD)

According to IEC/EN 61340-5-1

ESD SAFE

Cool-Down Mode
For the protection of your Heat Gun's internal components

67dB(A) Noise Emission
Low noise for a more pleasant working environment

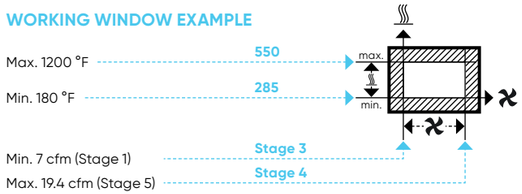
Precise control.
For efficient, repeatable work.



Controlled heat flow –power directed where it is needed
Built for professional use. A robust design and high-quality components ensure dependable performance in demanding working environments.

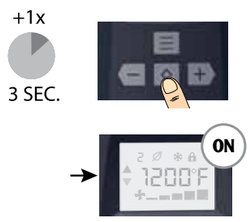


Defined Working Window
Minimum and maximum temperature and airflow settings define the required operating range for each task and support consistent, error-reduced workflows.

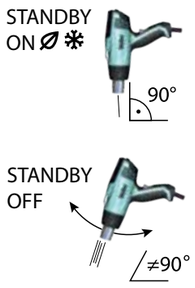


Smart energy saving
Reduce energy consumption and thermal load whenever full power is not required, helping lower TCO. Three standby modes make energy saving part of the daily workflow:

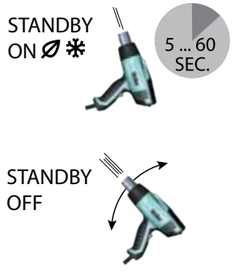
Button Activated
Activating standby manually by pressing the button for 3 seconds



Tilt-Function
The Heat Gun automatically switches to standby in the defined 90° position and returns to operation when moved again.



Delay-Function
Setting a delay from 5 to 60 seconds before standby is activated.



Powerful heat.
For any industrial application.

From wire harnessing and adhesive applications to electronics work, Weller heat guns are engineered for versatility across a wide range of professional applications. With digital temperature and airflow control, users can precisely optimize the tool's performance for each task, ensuring maximum control, accuracy, and reliability.

Cable Soldering
Direct controlled heat and airflow for cable soldering applications.



Heat shrinking
Adjust temperature and airflow to suit different plastic materials and processes





Mold and Bend PVC Pipes
Shape pipes without any hassle.



Heating Metal Parts
Reliable power for demanding heating tasks on metal components.



Efficient Heat Management for Electronic Assemblies
The uniform heat input reduces temperature differences and creates optimal process conditions.

Heat Guns WHG1 and WHG1 ESD
Technical data



WHG1

Order-No. T0053100299



WHG1 ESD

Order No. T0053101299

Power consumption	1440 W	
Mains supply voltage	120 V (50/60Hz)	
ESD safe housing & grip	No	Yes
Safety Class	Class 2	
Operating Temperature	180–1200 °F | 80–650 °C	
Air Volume	7.1–17.7 cfm | 200–500 l/min	
Noise Level	67 dB(A)	
Operating Modes	OFF/I/II	
Temperature Increment	+/- 10 °F | +/- 5 °C	
Customizable Presets	5	
Weight	26.46 oz | 750 g	
Overheat Protection	Yes	
Cooldown Function	Yes	
Standby Mode	Yes	
Energy Saving Modes	Yes	
Thermo Fuse	Yes	
Cable length	6,6 ft | 2 m	6,6 ft | 2 m
Scope of supply	1x Heat Gun, 1440W/120V, 1x User Manual	

Accessories and Nozzles
Make the WHG1 and WHG1 ESD fit your needs!

Article/Model Order No.		
Glass Protection Nozzle T0051407799		Ø 35.5 50 x 5 mm
Wide Slot Nozzle T0051407899		Ø 35.5 50 x 3 mm
Wide Slot Nozzle T0051408299		Ø 35.5 25 x 3 mm
Tubular Nozzle T0051407999		Ø 35.5 Ø 20 mm, 30 mm
Tubular Nozzle T0051408199		Ø 35.5 Ø 6 mm, 75 mm

Article/Model Order No.		
Soldering Reflector T0051408399		Ø 35.5 13 x 5 x 10 mm
Spoon Reflector T0051408099		Ø 35.5 40 x 35 mm, 90°

Heat Guard ESD
T0051408499



Provides an extra layer of protection against
- Accidental Burns
- Material Damage
- Accidental Contact Damage

Protective gloves are still recommended.

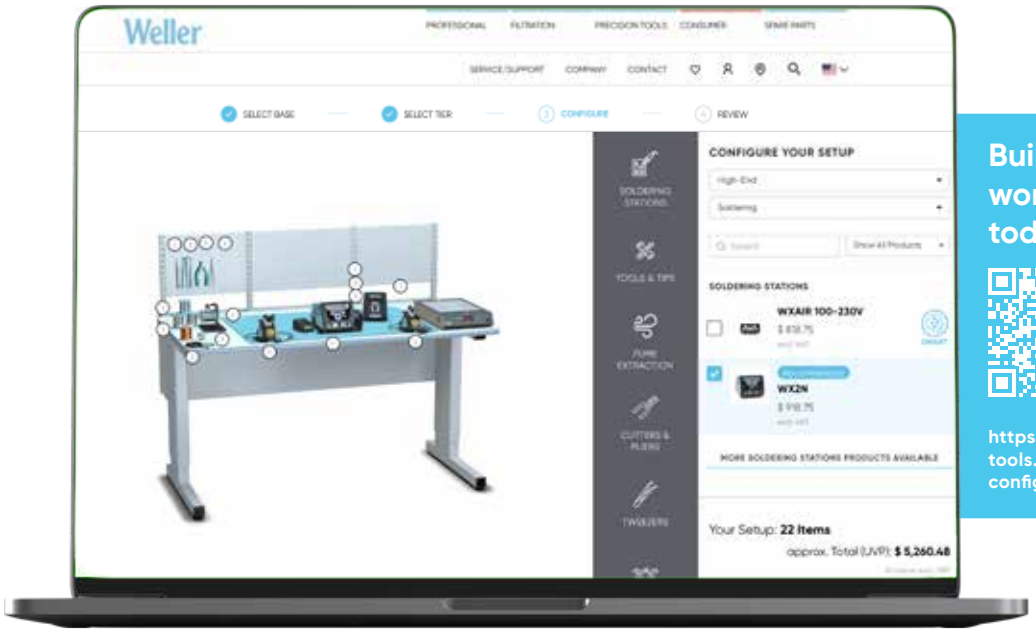
Learn more about the new Heat Guns

Weller

#PowerfulTogether

Build your ultimate workbench

Design a complete workbench tailored to your needs – from soldering and inspection to filtration and ESD protection.



Build your workbench today

https://www.weller-tools.com/us/gb/configurator

© 2026, Apex Tool Group LLC | T0055757300 | BROCHURE WELLER HEAT GUN EN NAM

Weller Tools GmbH
Carl-Benz-Straße 2
74354 Besigheim
Germany

Tel.: +49 (0) 7143 580-0

weller-tools.com