

# Get It Soldered

Weller Efficiency – the most powerful station in its class



**Weller®**

**DIVERSE**  
ELECTRONICS

WWW.DIVERSEELECTRONICS.COM  
1 800 381 7308 / 514 388 7308  
SALES@DIVERSEELECTRONICS.COM

**UNLOCK SAVINGS WITH SUPERIOR COMPONENT SOURCING**

Benefit from our expertise in sourcing and cost reduction. Contact Diverse Electronics to enhance your procurement strategy.

SUBMIT AN RFQ TODAY

# Get it soldered

Just switch on the new WE station and start soldering. Weller introduces a new soldering station designed for education, advanced hobbyists and professional users.

## EASY TO USE

### Power switch on the front

- › Convenient on/off control

## POWERFUL

### 70 W power station

- › **70 W power** housed in functional new design
- › **Fast heat-up** and **recovery**

### 70 W soldering iron

- › **More power**, more control
- › **Toolless tip change** solution
- › **Less hand fatigue**, more precision

### ET tip family

- › Choose from a **wide range of longlife ET tips**

### Digital LCD screen

- › **Easily monitor** your preset levels

### Menu control buttons

#### Intuitive navigation

- › Temperature
- › Password protection
- › Standby and auto setback modes

### Temperature stability and lock

- › **High quality and repeatable** results

### Standby Mode

- › Equipment **protection** and **efficient** energy use

## RELIABLE

### New reinforced safety rest

- › Provides **extra stability** and **safety**



### Heat-resistant silicon cable

- › **ESD safe** for professional use

### Ergonomic handle

- › **Less hand fatigue**, more precision

## AND STILL COST EFFICIENT

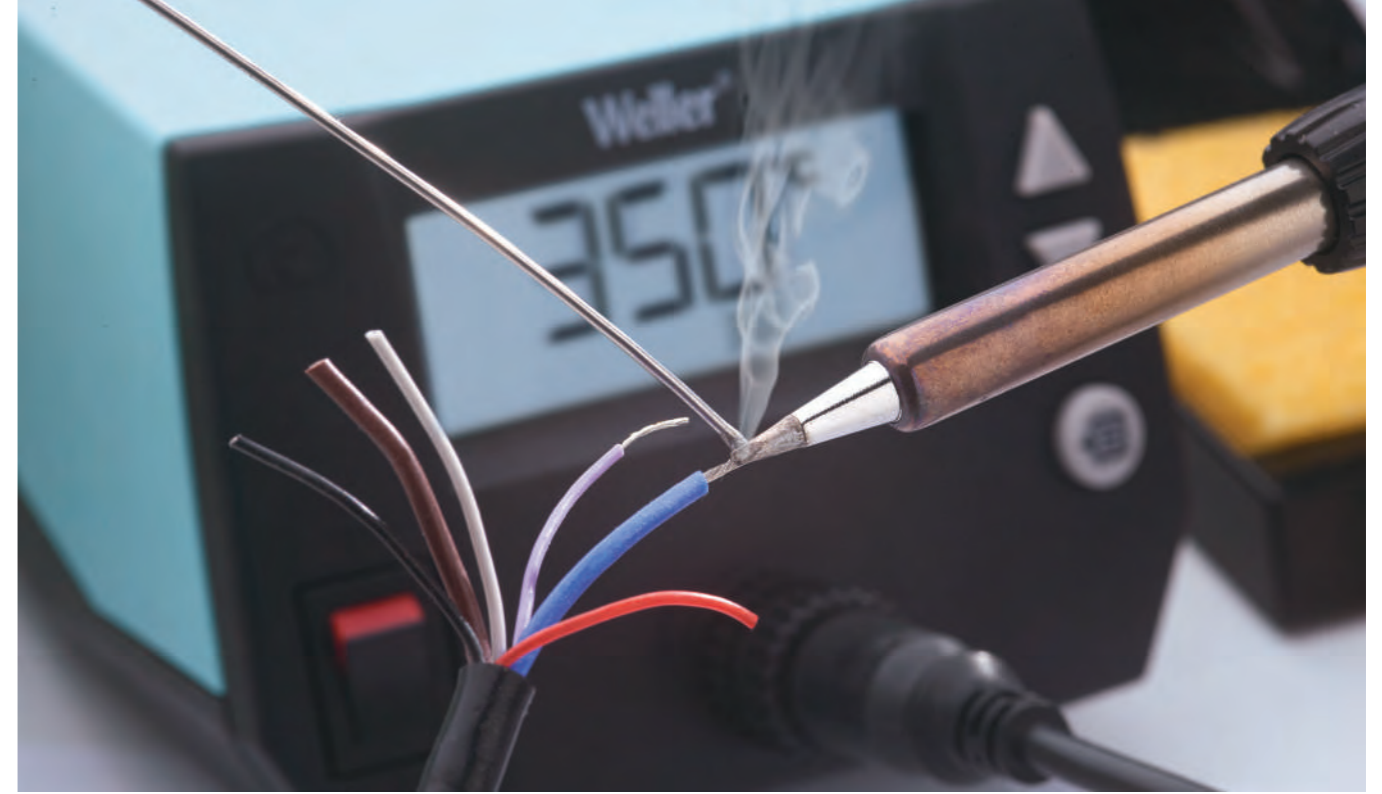
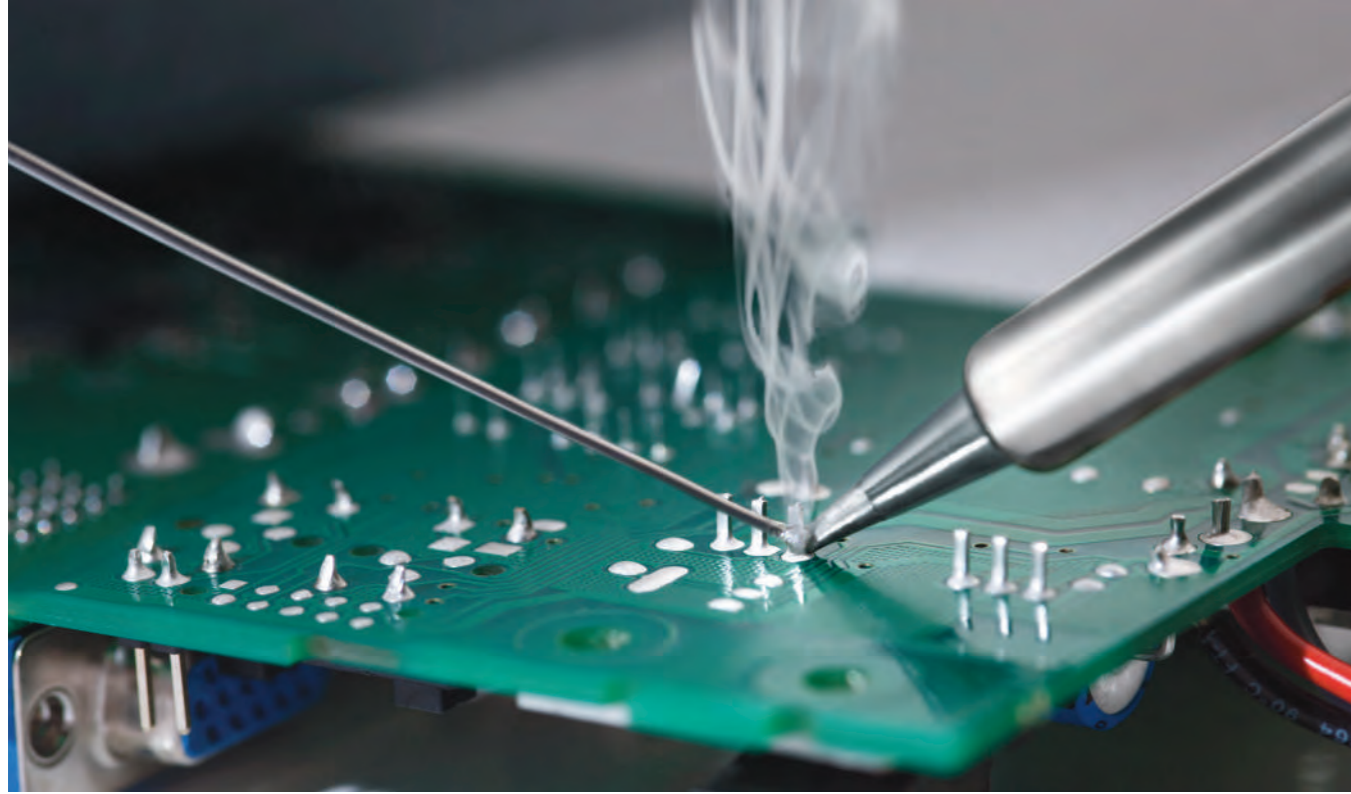
## ADVANTAGES AT A GLANCE

### Powerful, user friendly and cost-efficient

- › Powerful with 70 W – gets your soldering job done faster
- › Easy to handle high performance iron
- › Intuitive navigation
- › Low total cost of ownership

### Maximum reliability and protection

- › ESD safe station, iron, and heat-resistant silicon cable for safe handling
- › Reinforced safety rest for secure iron storage
- › Temperature stability (+/- 4°F, 2°C) and temperature lock protects tips and components, affording a consistently high quality process with repeatable soldering results
- › Standby mode and auto setback conserves energy, protects equipment
- › Password-protected to preserve settings



## Get it **soldered** with the WE soldering station...

## ...with **improved features**



### **Gets your soldering job done faster**

- › Digital 70 W soldering station, 40% more powerful than existing 50 W stations in the same category. This allows the iron to heat up fast and to provide a fast recovery time – gets the job done quicker with more efficiency and precision.



### **Easy to handle high performance iron**

New high performance 70 W soldering iron with an ergonomic handle and easy toolless tip change solution:

- › The iron was designed in a light weight pencil style with a co-molded grip.
- › The new and improved safety rest has additional support so that the iron is stored securely in place in between use.



### **Intuitive navigation**

- › The station is designed in a state-of-the-art housing with front panel power switch for easy access.
- › The digital WE soldering station features an easy-to-read LCD screen with 3 push buttons providing easy temperature control, a front switch for easy on/off and intuitive navigation through all new SW features.



### **Easy tip change and low total cost of ownership**

- › Change hot tips out by hand by twisting the plastic knurled nut on the soldering pencil without an additional tool.
- › The soldering set and the genuine Weller ET series tips provide the best performance and an extraordinary lifetime.
- › Choose from a wide selection of existing high quality, affordable, genuine Weller ET tips. Here's where the station starts to pay for itself.



### **Safe handling**

- › ESD safe
- › Both station and iron have passed inspection and have received a Certificate of Compliance for electrical safety (CE, UL)
- › The flexible silicon cable withstands heat because it meets the highest industry standards for mechanical strength (overload/stress). Because it's certified ESD safe, the WE station can be used for professional use.



### **Temperature stability**

- › +/- 4°F, 2°C (even better than MIL Spec)
- › Temperature lock stabilizes heat levels to protect tips and components and aid in producing uniformly high quality solder joints - reliable and repeatable soldering results



### **Standby mode**

- › Station automatically powers down to a given temperature when not in use



### **Automatic set-back**

- › Sets temperature back automatically when not in use to save energy and increase tip lifetime



### **Password-protected**







- › All settings can be secured with a password, so that predefined settings can be maintained in order to ensure process quality



A = Width mm  
B = Thickness mm  
C = Length mm




## Chisel



Model	A	B	C	PU	Order No.
<b>ET A</b> 	1.6	0.7	34.5	1 10 100	4ETA-1 4ETA-10 4ETA-100
<b>ET B</b> 	2.4	0.8	34.5	1 10	4ETB-1 4ETB-10
<b>ET C</b> 	3.2	0.8	34.5	1 10 100	4ETC-1 4ETC-10 4ETC-100
<b>ET D</b> 	4.6	0.8	34.5	1 10	4ETD-1 4ETD-10
<b>ET DS SOLDERING TIP 50MM</b> 	4.6	0.8	34.5	1	4ETDS-1 4ETDS-100
<b>ET E</b> 	5.6	1.2	34.5	1 10 100	4ETE-1 4ETE-10 4ETE-100

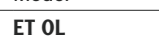
## Round




Model	A	B	C	PU	Order No.
<b>ET AA SOLDERING TIP 16MM</b> 	4.6	0.8	34.5	1	4ETAA-1
<b>ET BB</b> 	2.4		34.5	1 10	4ETBB-1 4ETBB-10
<b>ET CC</b> 	3.2		34.5	1 10	4ETCC-1 4ETCC-10







## Conical






Model	A	B	C	PU	Order No.
<b>ET OL</b> 	0.8		43.5	1	4ETOL

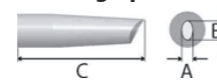
## Measuring tip



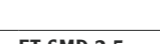

Model	A	B	C	PU	Order No.
<b>ET Measuring tip</b> 	0.5		30	1	T005 24 750 99

Model	A	B	C	PU	Order No.
<b>ET HL</b> 	0.8	0.4	34.5	1	4ETHL
<b>ET L</b> 	2.0	1.0	43.5	1 10 100	4ETL-1 4ETL-10 4ETL-100
<b>ET M</b> 	3.2	1.2	43.5	1 10	4ETM-1 4ETM-10
<b>ET R</b> 	1.6	0.7	34.5	1 10	4ETR-1 4ETR-10
<b>ET KL</b> 	1.2	0.8	44	1	4ETKL
<b>ET SL</b> 	0.3		43.5	1	4ETSL

Model	A	B	C	PU	Order No.
<b>ET CS</b> 	3.2		34.5	1 100	4ETCS-1 4ETCS-100
<b>ET F</b> 	1.2		34.5	1 10	4ETF-1 4ETF-10
<b>ET P</b> 	0.8		34.5	1 10	4ETP-1 4ETP-10

## Gullwing tip



Model	A	B	C	PU	Order No.
<b>ET GW</b> 	4.3	3	35	1	T005 41 045 99
<b>ET C HPB SOLDERING TIP FE+NI</b> 	4.3	3	35	1	T005 41 003 75
<b>ET SMD 2,5 x 1,5 mm</b> 	2.5	1.5	45	1	T005 41 039 99
<b>ET SMD 3,8 x 1,5 mm</b> 	3.8	1.5	45	1	T005 41 040 99

# Get started with the WE station

This station is developed especially for education and as entry level professional station. It has many of the software features as our professional stations, plus is easy and economical to use.



## Technical Data

Dimensions L x W x H	150 x 125 x 100 mm 5.91 x 4.92 x 3.94 inches
Power supply	230 V / 50 Hz; 120 V / 60 Hz
Power	70 W
Temperature range	200°F–850°F; 100°C–450°C
Temperature accuracy	+/- 17°F , 9°C
Temperature stability	+/- 4°F , 2°C
ESD safe	yes
Supplied tip	ETA

## Applications\*

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>&gt; Easy professional soldering jobs</li> <li>&gt; PCBs</li> <li>&gt; Electronic kits</li> <li>&gt; Education</li> <li>&gt; Radio-controlled</li> <li>&gt; Indoor lighting</li> <li>&gt; Low-voltage wiring</li> <li>&gt; Cable assembling</li> </ul> | <ul style="list-style-type: none"> <li>&gt; Hobby models</li> <li>&gt; Small appliance</li> <li>&gt; Small engine</li> <li>&gt; Repair</li> <li>&gt; Crafts</li> <li>&gt; Audio systems</li> <li>&gt; Electrical</li> </ul> |
|---|---|

● Recommended ● Acceptable

\*NOT RECOMMENDED FOR: micro-components, marine, automotive, heat sink, ground plane, metal art, plumbing, jewelry

## WE Soldering Station Kit

Order no.	Description
T0053298699	WE1 STATION 230V WEP70 SOLDERING IRON PH70 SAFETY REST WITH SPONGE ETA TIP 0.062" / 1.6 MM SCREWDRIVER

## Accessories

Order no.	Description
T0058770714	WEP70 TIP RETAINER
T0058770715	WEP70 SOLDERING IRON
T0058770706	PH70 SAFETY REST WITH SPONGE
TC205	SPONGE REPLACEMENT
	ET SERIES TIPS



Also offering an extensive selection in professional filtration and Erem® and Xcelite® precision tools

# Weller®

## GERMANY

Weller Tools GmbH  
Carl-Benz-Straße 2  
74354 Besigheim

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

## CHINA

Apex Tool Group  
2nd Floor, Area C, 177 Bibo Road,  
Pudong, Shanghai, 201203

Tel: +86 (21) 60880288  
Fax: +86 (21) 60880298

## USA

Apex Tool Group,  
670 Industrial Drive  
Lexington SC, 29072

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

[www.weller-tools.com](http://www.weller-tools.com)

Weller® is a registered trademark of Apex Brands, Inc. | © 2017  
ATG-3473 | Specifications subject to change without notice.