

**WE Soldering Station**  
EFFICIENCY LINE

**Weller**  
#PowerfulTogether



# Get It Soldered

The most powerful and efficient soldering station in its class –  
Weller Efficiency Line

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

# WE soldering station

Weller introduces a new soldering station designed for vocational and professional uses. The WE station is ready when you are – just switch it on and start soldering.

## 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

## EASY TO USE

## Power switch on the front

- › Convenient on/off control

## POWERFUL

## 70 W power station

- › 40% more power housed in functional new design
- › Faster 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



# ADVANTAGES AT A GLANCE

## 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

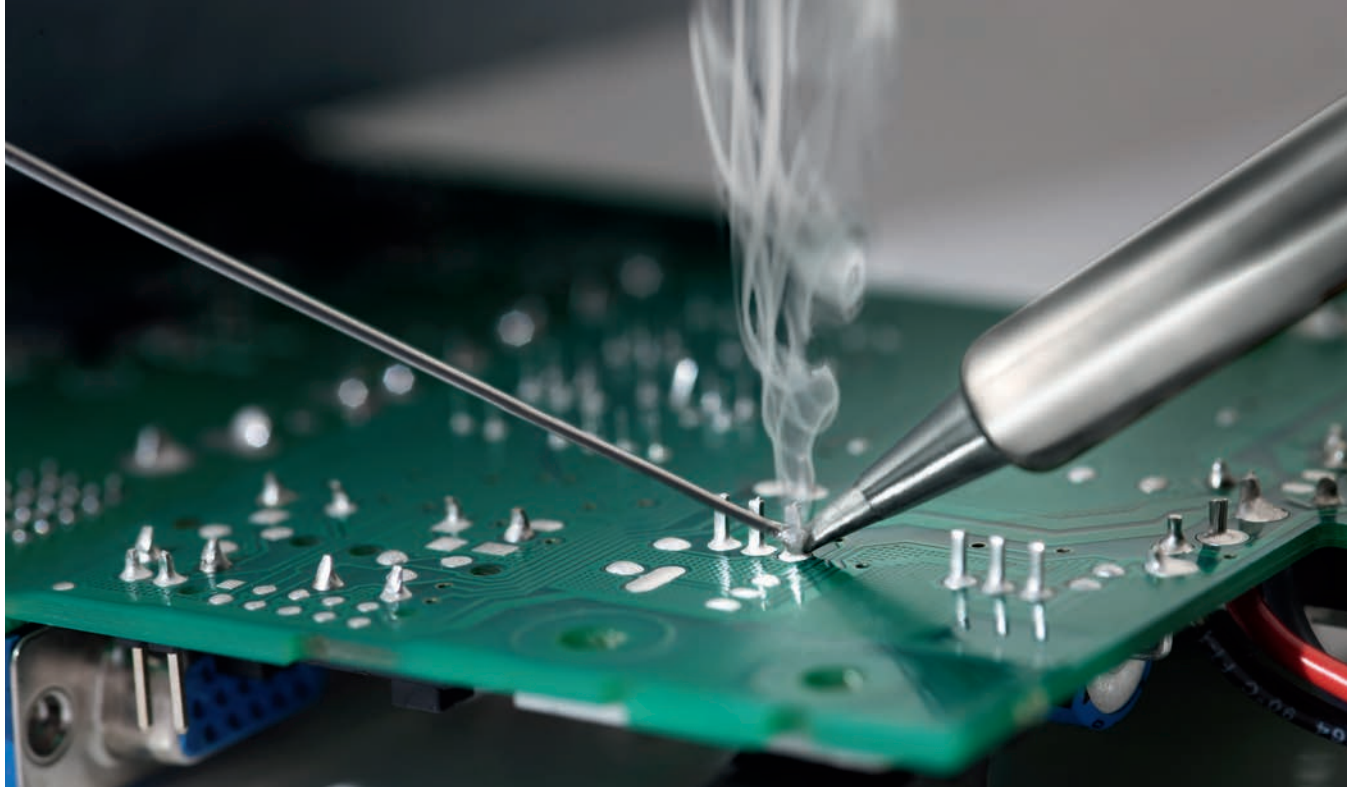
## Powerful, user friendly and cost-efficient

- › 40% more powerful – 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

## AND STILL COST EFFICIENT



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



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

- › Digital 70 W soldering station, 40% more powerful than the WES/WESD station. This allows the iron to heat up faster and to provide a faster 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.



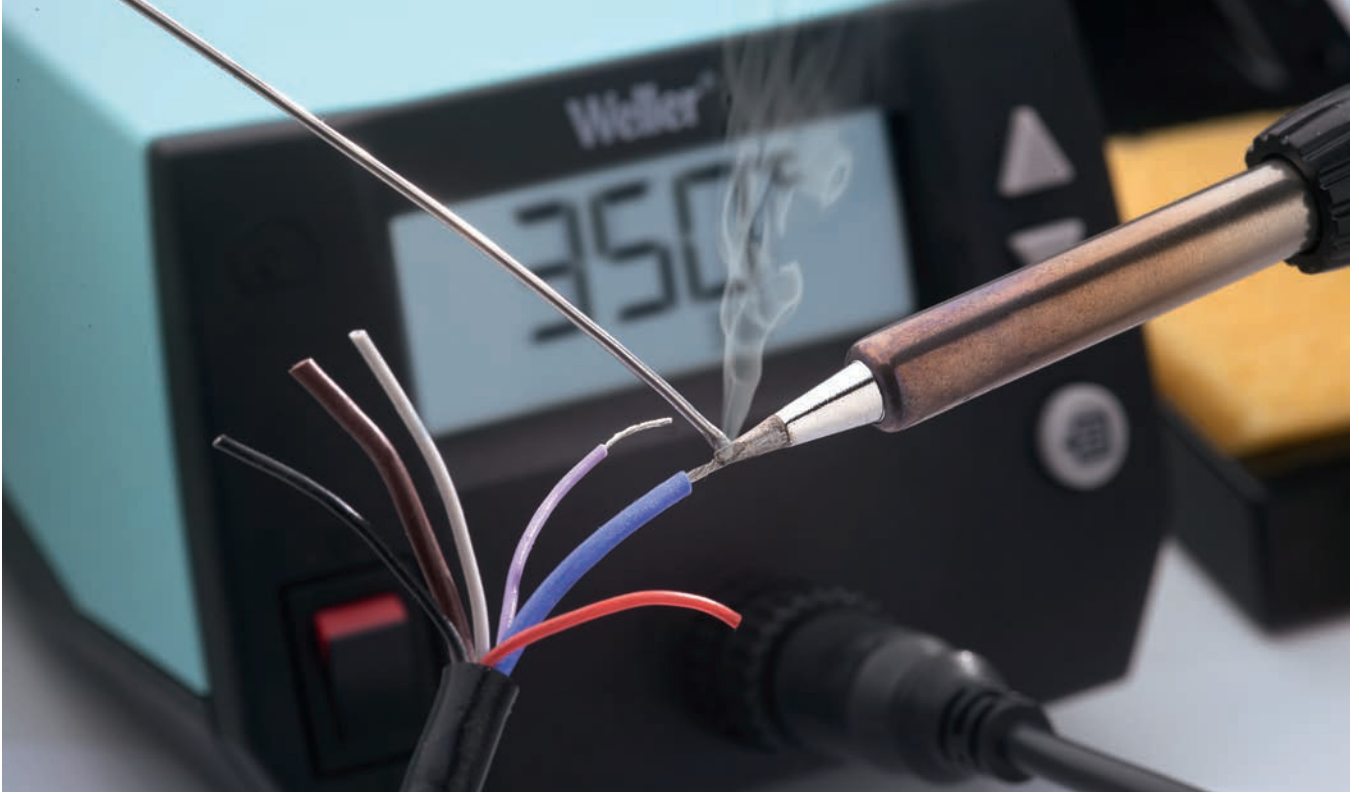
## **Intuitive navigation**

- › 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.



## ...with improved features



### 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.



### 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



### 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



### Password-protected

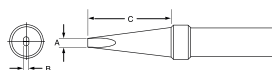
- › All settings can be secured with a password, so that predefined settings can be maintained in order to ensure process quality

# ET soldering tips

The sensor hole in the base of the tip is fitted with a stainless steel liner to prevent the tip from seizing to the sensor.

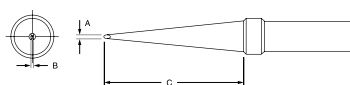


## SCREWDRIVER



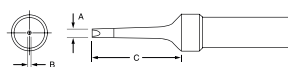
| Cat No. | A     |      | B     |      | C     |       |
|---------|-------|------|-------|------|-------|-------|
|         | IN.   | MM   | IN.   | MM   | IN.   | MM    |
| ETA*    | 0.062 | 1.60 | 0.032 | 0.81 | 0.625 | 15.90 |
| ETB*    | 0.093 | 2.40 | 0.020 | 0.51 | 0.625 | 15.90 |
| ETC*    | 0.125 | 3.20 | 0.027 | 0.69 | 0.625 | 15.90 |
| ETD     | 0.187 | 4.80 | 0.035 | 0.89 | 0.625 | 15.90 |
| ETH     | 0.031 | 0.80 | 0.019 | 0.48 | 0.625 | 15.90 |

## LONG SCREWDRIVER



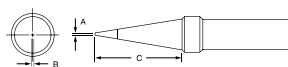
| Cat No. | A     |      | B     |      | C     |       |
|---------|-------|------|-------|------|-------|-------|
|         | IN.   | MM   | IN.   | MM   | IN.   | MM    |
| ETJ     | 0.031 | 0.80 | 0.012 | 0.30 | 1.000 | 25.40 |
| ETK*    | 0.046 | 1.20 | 0.026 | 0.66 | 1.000 | 25.40 |
| ETL     | 0.078 | 2.00 | 0.027 | 0.69 | 1.000 | 25.40 |
| ETM     | 0.125 | 3.20 | 0.037 | 0.94 | 1.000 | 25.40 |

## NARROW SCREWDRIVER



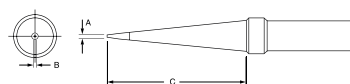
| Cat No. | A     |      | B     |      | C     |       |
|---------|-------|------|-------|------|-------|-------|
|         | IN.   | MM   | IN.   | MM   | IN.   | MM    |
| ETR     | 0.062 | 1.60 | 0.044 | 1.12 | 0.625 | 15.90 |

## CONICAL



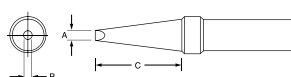
| Cat No. | A     |      | B     |      | C     |       |
|---------|-------|------|-------|------|-------|-------|
|         | IN.   | MM   | IN.   | MM   | IN.   | MM    |
| ETP*    | 0.031 | 0.80 | 0.012 | 0.30 | 0.625 | 15.90 |
| ETT     | 0.024 | 0.60 | 0.036 | 0.91 | 0.625 | 15.90 |

## LONG CONICAL



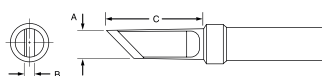
| Cat No. | A     |      | B     |      | C     |       |
|---------|-------|------|-------|------|-------|-------|
|         | IN.   | MM   | IN.   | MM   | IN.   | MM    |
| ETO*    | 0.031 | 0.80 | 0.044 | 1.12 | 1.000 | 25.40 |
| ETS*    | 0.015 | 0.40 | --    | --   | 1.000 | 25.40 |

## SINGLE FLAT



| Cat No. | A     |      | B     |      | C     |       |
|---------|-------|------|-------|------|-------|-------|
|         | IN.   | MM   | IN.   | MM   | IN.   | MM    |
| ETAA    | 0.062 | 1.60 | 0.040 | 1.02 | 0.625 | 15.90 |
| ETBB    | 0.093 | 2.40 | 0.032 | 0.81 | 0.625 | 15.90 |
| ETCC    | 0.125 | 3.20 | 0.032 | 0.81 | 0.625 | 15.90 |
| ETDD    | 0.187 | 4.80 | 0.032 | 0.81 | 0.625 | 15.90 |
| ETU     | 0.015 | 0.40 | --    | --   | 0.700 | 17.80 |
| ETV     | 0.024 | 0.60 | --    | --   | 0.700 | 17.80 |

## KNIFE



| Cat No. | A     |      | B     |      | C     |       |
|---------|-------|------|-------|------|-------|-------|
|         | IN.   | MM   | IN.   | MM   | IN.   | MM    |
| ETKN    | 0.180 | 4.57 | 0.064 | 1.63 | 0.625 | 15.90 |

# Still your favorite

Weller | **WE Soldering Station**

All this and more, the WE soldering station set will remain your reliable standby for a soldering station and iron, and with proper care will give you many years of satisfying service.



## Technical Data

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

## Applications\*

- |                                    |                   |
|------------------------------------|-------------------|
| › Easy professional soldering jobs | › Hobby models    |
| › PCBs                             | › Small appliance |
| › Electronic kits                  | › Small engine    |
| › Education                        | › Repair          |
| › Radio-controlled                 | › Crafts          |
| › Indoor lighting                  | › Audio systems   |
| › Low-voltage wiring               | › Electrical      |
| › Cable assembling                 |                   |

● Recommended    ◐ Acceptable

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

## WE Soldering Station Kit

| Order no. | Description                                                                                  |
|-----------|----------------------------------------------------------------------------------------------|
| WE1010NA  | WE1 STATION 120V<br>WEP70 SOLDERING IRON<br>PH70 SAFETY REST WITH SPONGE<br>ET Soldering tip |

## Accessories

| Order no.   | Description                  |
|-------------|------------------------------|
| T0058770714 | WEP70TIP RETAINER            |
| T0058770715 | WEP70 SOLDERING IRON         |
| T0058770706 | PH70 SAFETY REST WITH SPONGE |
| TC205       | SPONGE REPLACEMENT           |
| ET A        | ET SERIES TIPS               |

## #PowerfulTogether

Also offering an extensive selection in professional filtration and precision tools



### 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  
1000 Lufkin Road  
Apex, NC 27539 USA

Tel: +1 (919) 387 0099  
Fax: +1 (919) 387 2614

### China

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

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



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