

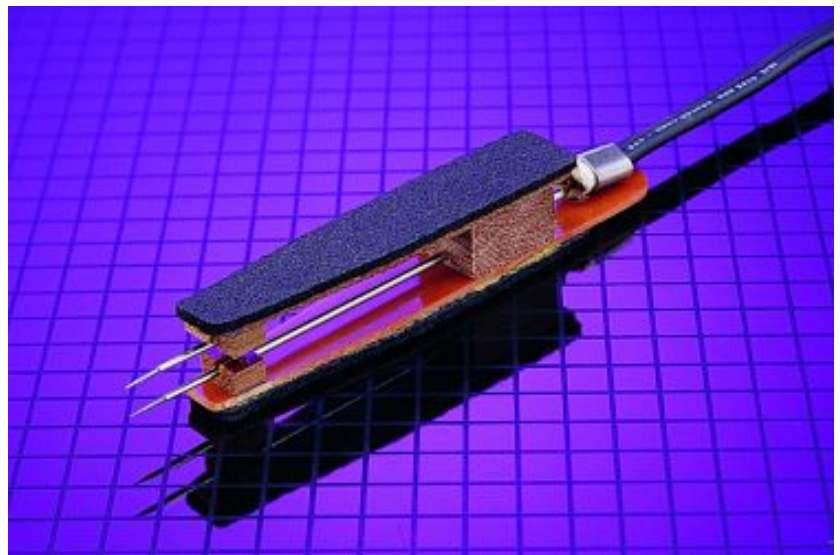
## Resistance Soldering Handpieces

American Beauty® offers the WIDEST SELECTION of Resistance Soldering and Wirestripping Handpieces in the World!

Our hand pieces are designed and built to provide absolute performance in even the toughest environments.

Resistance Soldering and Wirestripping hand pieces provide instantaneous localized heat to help you handle all of your difficult soldering needs.

- Adhere to 50% duty cycle during all applications to ensure handpiece longevity.
- Ensure that handpiece shares the same connection style as the power unit with which it is to be used.
- Virtually every handpiece can be customized to your specific needs. Phone us directly with specific requests.



**Micro-Tweezer  
Handpiece**  
**Model 105133**

Lightweight tool designed for micro-soldering applications in limited space; well suited for work on connections with wire 22 AWG and finer.

**Included in system:**

- [10599](#) - Micro Tweezer-Style Resistance Soldering System

**Specifications:**

- 6½" (16.5cm) total length, 4 ft. cord
- Copper-clad, stainless steel electrodes, .040" (1.02mm) diameter
- Electrodes may be formed, notched or ground to fit specific applications
- Taper pin connection style

**Weight:** 0.5LBS (0.225KGS)

**Replacement Electrodes:** Model # [105134](#)

[See Product Data Sheet](#)



**Regular Tweezer  
Handpiece**  
**Model [10541](#)**

Ideal tool for intricate soldering applications, combining intense heat with precise contact points.

**Included in systems:**

- [10501](#) - Light Capacity Tweezer-Style Resistance Soldering System
- [10502](#) - Standard Capacity Tweezer-Style Resistance Soldering System
- [105HCS](#) - Light Capacity Resistance Soldering Hobby System
- [105HCM](#) - Standard Capacity Resistance Soldering Hobby System
- [105HHH](#) - Deluxe Resistance Soldering Hobby System

**Specifications:**

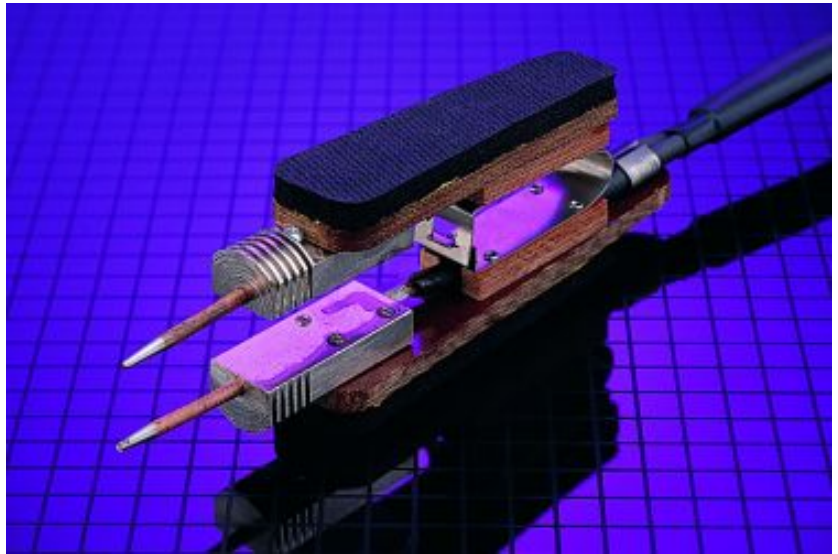
- 5" (12.7cm) total length, 4 ft. cord
- Taper Pin connection style
- Copper-clad, stainless steel electrodes .078" (1.98mm) diameter

- Electrodes may be formed, notched or ground to fit specific applications
- Space between electrodes is 3/8" (9.53mm) before any modifications

**Weight:** 1.0LBS (0.45KGS)

**Replacement Electrodes:** Model # [10542](#)

[See Product Data Sheet](#)



**Medium Tweezer  
Handpiece**  
**Model [105127](#)**

Our most popular tool this rugged performer is excellent for antenna leads, semi-rigid co-ax, heavy-gauge wire, terminals, lugs, posts, etc.

**Included in system:**

- [10504](#) - High Capacity Tweezer-Style Resistance Soldering System

**Specifications:**

- 7" (17.75cm) total length, 4 ft. 10 AWG high-strand DLO cable
- Copper-clad, stainless steel electrodes, .125" (3.18mm) diameter
- Approximate 1/2" opening between electrodes upon shipping
- Electrodes may be formed, notched or ground to fit specific applications
- Taper pin connection style

**Weight:** 2.0LBS (0.9KGS)

**Replacement Electrodes:** Model # [10594](#)



**Ultra-Light Fixed  
Dual-Electrode Handpieces**  
**Model 10578**

Ideal when absolute repeatability is desired.

**Specifications:**

- 6" (15.3cm) total length, 4 ft. cord
- Taper Pin connection style
- Copper-clad, stainless steel electrodes .078" (1.98mm) diameter
- Electrodes may be formed, notched or ground to fit specific applications
- Space between electrodes is 1/8" (3.25mm) before any modifications

**Weight:** 1.0LBS (0.45KGS)

**Replacement Electrodes:** Model # [10582](#)

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**Regular Dual-  
Electrode Soldering Handpiece**  
**Model 10590**

Ideal when repeatability is desired

**Specifications:**

- 7½" (19cm) total length, 4 ft. 10 AWG high-strand DLO cable
- Copper-clad, stainless steel electrodes, .125" (3.18mm) diameter
- Approximate 3/8" opening between electrodes upon shipping
- Electrodes may be formed, notched or ground to fit specific applications
- Taper pin connection style

**Weight:** 1.5LBS (0.675KGS)

**Replacement Electrodes:** Model # [10594](#)



**3/32" Diameter**



## Single Carbon Handpiece

Model 10515

Lightweight tool for soldering in areas inaccessible to tweezer style handpieces. Perfect for seams & spots.

### Included in systems:

- [10508](#) - Light Capacity Single Probe Resistance Soldering System
- [105HCS](#) - Light Capacity Resistance Soldering Hobby System
- [105HCM](#) - Standard Capacity Resistance Soldering Hobby System
- [105HHH](#) - Deluxe Resistance Soldering Hobby System

### Specifications:

- 6"(15.3cm) total length, 4 ft. cord
- Supplied with 3/32" (2.38mm) diameter copper-clad carbon electrodes
- Ground Lead Required, Model 10512A recommended
- Taper pin connection style

**Weight:** 1.0LBS (0.45KGS)

**Replacement Electrodes:** Model # [10530](#)



**Standard 1/4"**  
**Diameter Single Carbon Handpiece**  
Model 10511

Sturdy single carbon tool designed to handle a general assortment of soldering applications, rework and repair.

### Included in system:

- [10509](#) - High Capacity Single Probe Resistance Soldering System