

## Resistance Soldering Systems - Tweezer-Style



**Light Capacity  
Tweezer-Style Resistance Soldering System**  
Model 10501

**Common Applications:** Micro miniature setups, wire processing, terminations, small connections.

**Components:**

- [105A3](#) - 100 Watt Resistance Soldering Power Unit
- [10541](#) - Regular Tweezer Handpiece
- [10519](#) - Footswitch

**Specifications:**

- 100W (2.65VAC) Power unit with Infinitely Variable Output control, Pilot light, 1 AMP Circuit Protection & Heavy-duty aluminum case, Available in 110 or 220V.
- Durable, User-friendly hand piece with four foot (1.22m) AWG 14-2 HPN cord set.
- Copper clad, stainless steel electrodes, 5/64" (1.98mm) Dia., 1 1/2" Lgth. Easily customizable with approx. 3/8" opening upon shipping.
- Rugged, Industrial Footswitch with 6 foot (1.83m), three-wire cord and NEMA 5-15 P/R piggyback plug.

**Weight:** 5.5LBS (2.475KGS)

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

[See Product Data Sheet](#)

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**Standard Capacity  
Tweezer-Style Resistance Soldering System**  
Model [10502](#)

**Common Applications:** Wire processing, terminations, fiber optics, standard connections, electrical, electronics work.

**Components:**

- [105A12](#) - 250 Watt Resistance Soldering Power Unit
- [10541](#) - Regular Tweezer Handpiece
- [10519](#) - Footswitch

**Specifications:**

- 250W (2.8VAC) Power unit with Infinitely Variable Output control, Lighted Rocker, 3 AMP Circuit Breaker & Heavy-duty aluminum case, Available in 110 or 220V.
- Durable, User-friendly hand piece with four foot (1.22m) AWG 14-2 HPN cord set.
- Copper clad, stainless steel electrodes, 5/64" (1.98mm) Dia., 1 1/2" Lgth. Easily customizable with approx. 3/8" opening upon shipping.
- Rugged, industrial Footswitch with 6 foot (1.83m), three-wire cord and NEMA 5-15 P/R piggyback plug.

**Weight:** 9.3LBS (4.185KGS)

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

[See Product Data Sheet](#)

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

**Common Applications:** Antenna leads and semi-rigid coaxial cable, connections up to ¼" (6.5mm), heavy gauge wire, terminals, lugs, posts, heavy-duty soldering.

**Components:**

- [105A12](#) - 250 Watt Resistance Soldering Power Unit
- [105127](#) - Medium Tweezer Handpiece
- [10519](#) - Footswitch

**Specifications:**

- 250W (2.8VAC) Power unit with Infinitely Variable Output control, Lighted Rocker, Circuit Breaker & Heavy-duty aluminum case, Available in 110 or 220V.
- Durable, User-friendly hand piece with four foot (1.22m) 10 AWG High Strand DLO cord set
- Copper clad, stainless steel electrodes, 1/8" (1.98mm) Dia., 3" Lgth. Easily customizable with approx. 1" opening upon shipping.
- Rugged, industrial Footswitch with 6 foot (1.83m), three-wire cord and NEMA 5-15 P/R piggyback plug.

**Weight:** 9.7LBS (4.365KGS)

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

[See Product Data Sheet](#)

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**Micro Tweezer-Style  
Resistance Soldering System**  
Model 10599

**Common Applications:** For micro-soldering applications in limited space. Fine AWG wire processing, terminations, very small connections.

**Components:**

- [105A3](#) - 100 Watt Resistance Soldering Power Unit
- [105133](#) - Micro-Tweezer Handpiece
- [10519](#) - Footswitch

**Specifications:**

- 100W (2.65VAC) Power unit with Infinitely Variable Output control, Pilot light, 1 AMP Circuit Protection & Heavy-duty aluminum case, Available in 110 or 220V.
- Durable, User-friendly hand piece with four foot (1.22m) AWG 18-2 HPN cord set.
- Stainless steel electrodes, .040" (1.02mm) Dia., 1/2" Lgth. Easily customizable by forming or notching.
- Rugged, industrial Footswitch with 6 foot (1.83m), three-wire cord and NEMA 5-15 P/R piggyback plug.

**Weight:** 5.5LBS (2.475KGS)

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

[See Product Data Sheet](#)

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