

Plier-Style Resistance Soldering Systems



**Standard Capacity
Plier-Style Resistance Soldering System**
Model 10506

Common Applications: Wire Harness Assemblies for Larger AWG's. Copper Tubing, Semi-Rigid Coaxial Cable, Microwave Cable Connections and Terminal attachments all up to 3/16". Some Refrigeration Work.

Components:

- 105A12 - 250 Watt Resistance Soldering Power Unit
- 105158 - Small High-Heat Carbon Pliers 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. Appropriate for application up to 3/16" (4.72mm) diameter.
- Two carbon block electrodes provide more intense heat than tweezer style hand piece Model 105127.
- 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 # [105159](#)

[See Product Data Sheet](#)



**High Capacity Plier-
Style Resistance Soldering System**
Model [10507](#)

Common Applications: A sizable step-up from the 10506. Copper Tubing, Semi-Rigid Coaxial Cable, Microwave Cable Connections and Terminal Attachments all up to 1/2". Larger Military Connectors. Motor Stators and Electrical Motor Rebuilders.

Components:

- [105B2](#) - 1,100 Watt Resistance Soldering Power Unit
- [105258](#) - Medium High-Heat Carbon Pliers Handpiece
- [10519](#) - Footswitch

Specifications:

- 1,100W (5.8VAC) Power Unit with 23 Unique Output Settings, Lighted Rocker, 10 AMP Circuit Protection & Heavy-duty aluminum case, Available in 110 or 220V.
- Durable, User-friendly hand piece with four foot (1.22m) 10 AWG high-strand DLO cable.
- Two carbon block electrodes provide more intense heat than tweezer style hand pieces. Appropriate for application up to 9/16" (14.3mm) diameter.
- Rugged, industrial Footswitch with 6 foot (1.83m), three-wire cord and NEMA 5-15 P/R piggyback plug.

Weight: 25.0LBS (11.25KGS)

Replacement Electrodes: Model # [105159](#)

[See Product Data Sheet](#)



**Industrial Capacity
Plier-Style Resistance Soldering System**
Model 10505

Common Applications: Thin Walled Copper Tubing up to 1 ½". Heavy-Duty Applications where more critical control of intense heat is required. Large scale rebuilds. Operations involving significant heat sinks.

Components:

- [105C1](#) - 1,800 Watt Resistance Soldering Power Unit
- [10587](#) - Heavy-Duty High-Heat Carbon Pliers Handpiece
- [10518](#) - Twist-Lock Footswitch

Specifications:

- 1,800W (6.9VAC) Maximum Output Power Unit with 23 Unique Power Settings, Lighted Rocker, 15 AMP Circuit Protection & Heavy-duty aluminum case. Available in 110 or 220V.
- Utilizes Twist-Lock Footswitch receptacle allowing for 10 foot (1.22m) usage radius from Power Unit.
- Heavy-Duty, User-friendly hand piece constructed from Heat-Resistant Plastic with ten foot (1.22m) 6 AWG Power cord.
- Hand piece connects to power unit with 3/8" ring terminal & stud/wing nut system to accommodate higher output range.
- Concave Carbon Electrodes yield higher temperatures and allow for customization by grinding to fit application.
- Rugged, Industrial Footswitch with 10 foot (1.83m), two-wire Midget Twist Lock plug.

Weight: 34.0LBS (15.3KGS)

Replacement Electrodes: Model # [10565](#)

[See Product Data Sheet](#)

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