The Model 10506 is a standard capacity plier style resistance soldering system. It comes pre-assembled for your convenience.

This set is designed for applications including wire harness assemblies for larger AWG's, copper tubing, semi-rigid coaxial cable, microwave cable connectionsk and terminal attachments all up to 3/16" as well as some types of refrigeration work.

Model 10506

Resistance heat is obtained by passing a safe, low voltage, high amperage current through a resistive alloy. As with all Resistance Soldering Handpieces, heat is generated locally to the handpiece. Current is present for only so long as power is applied to the handpiece and there is a path for the current from the power unit, through the handpiece and back to the power unit.

Components:

- 105A12 - 250 Watt (2.8VAC) power unit with infinitely variable output control, lighted rocker, 3 AMP circuit breaker and heavy duty aluminum case
- 105158 - Small high-heat carbon pliers handpiece
- 105159 - Carbon block electrodes, 1-1/2 x 1/4 x 1/4" (50.8 x 6.4 x 6.4mm)
- 10519 - Footswitch

Specifications:

- 250W (2.8VAC) power unit with infinitely variable output control, lighted rocker, 3 AMP circuit protection and heavy-duty aluminum case
- Durable, user-friendly hand piece with 4' (1.22m) AWG 14-2 HPN cord set
- Rugged, industrial footswitch with 6 foot (1.83m), 3-wire cord and NEMA 5-15 P/R piggyback plug
- Carbon block electrodes provide more intense heat than tweezer style handpiece Model 105127

NOTE: The power unit has been rated to operate at a 50% maximum duty cycle. Do not operate beyond this rating.

WARNING: There are no user serviceable parts inside of the power unit. Do not attempt to open the power unit housing for any reason, due to the risk of electrical shock. Elements can generate a significant amount of heat when power is applied. Use with caution to avoid burns, fire, or other potential damage. Normal use of this product is likely to expose the user to solders containing lead, which is known to the state of California to cause cancer and birth defects (or other reproductive harm), or other Proposition 65 listed chemicals.

Distributed by: ALL-SPEC INDUSTRIES
WILMINGTON, NC 28401
www.all-spec.com

Phone: 800-537-0351
Fax: 800-379-9903
Email: sales@all-spec.com

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