



The Model 10507 is a high capacity plier style resistance soldering system. It comes pre-assembled for your convenience.

This set is designed for creating accurate, trustworthy solder joints. Some recommended applications include copper tubing, semi-rigid coaxial cable, microwave connectors, motor stators, and electrical motor rebuilding applications.



**Model 10507**

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.

#### **Replacement Parts:**

- **105B2** - 1100W (5.8VAC) resistance soldering power unit
- **105258** - Medium 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:**

- 1100W (5.8VAC) power unit with 23 unique output settings, lighted rocker, 10 AMP circuit protection and heavy-duty aluminum case
- Durable, user-friendly handpiece with 4' (1.22m) 10 AWG high-strand DLO cable
- 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 handpieces

**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](http://www.all-spec.com)

**Phone:** 800-537-0351  
**Fax:** 800-379-9903  
**Email:** [sales@all-spec.com](mailto:sales@all-spec.com)