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ELECTRONICS

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Jameco Part Number 1919107



***LF-7000 LEAD-FREE HIGH POWER
SOLDERING AND DESOLDERING STATION***



Model	LF-7000			
Mains power VAC	As requested			
Iron assembly	Solder	De-solder	Tweezers (Optional)	Hot Air Pencil (Optional)
Part #	210ESD	DIA80T	TWZ100	HAP80
Heater output	32Va.c.	32Va.c.	32Va.c.	32Va.c.
Heater power	100W	80W	100W x 2	80W
Vacuum pump	230Va.c. for 220-240V			

operating voltage	230V.a.c. for 220-240V mains power			
Temperature range	200-450°C	300-450°C	150-430°C	200°C - 450°C
	400-900°F	570-850°F	300-800°F	400 - 850°F
Standard tip	* 44-415404	* 44-915412 (D12)	* 46-060102 (TZ02)	

- **ENERGY SAVER:** Automatically powers down after 15 minutes of idling (as indicated by the Pause LED) saving power while extending tip life. Power is restored by picking up the required handpiece.
- **DELAYED SUCTION:** Pump will continue sucking for 1-2 seconds after actuator is released, clears the tubes and prevents clogging of the tip.
- **ANALOG VACUUM GAUGE.** Helps to diagnose suction problems with the desoldering unit.
- **Individual Stands with built-In Tip Cleaner:** Individual stands can be place close to your work while the control unit can be out of the way of your work. The built-in tip cleaner has been proven to be the most effective on the market.
- **COMBO UNIT:** Integrates the solder and desoldering functions into one, space saving, top quality system.
- **NICHROME ELEMENT:** Solder wand is our ergonomic mini-handle designed for comfort and ease of use.
- **FRONT CALIBRATION PORTS:** Located under the precision temperature controls for precise calibration.



[Hot SMD Tweezers](#): -TWZ-100

This additional feature is specially designed for SMD chips, SOT, Flat pack IC's, and surface mount electrolytic capacitors.



[Hot Air Pencil](#) HAP 80 provides a fast and efficient method to remove and/or re-flow small Surface Mount Devices

STANDARD FEATURES:

- TEMPERATURE STABILITY:
Tip temperature accurate to within ± 3 °C (6°F)
- SPIKE FREE CIRCUITRY:
Zero Voltage switching and fully grounded design makes this unit safe to electro-sensitive devices.
- ELECTRONIC TEMPERATURE CONTROL:
Adjustable temperature w/o changing tips.
- VACUUM SWITCH:
The pump is controlled by a finger actuated, thyristor switching circuit located on the desoldering handle.
- Soldering and desoldering temperature restore is controlled by a movement actuated IC in the handle of each unit.

- IRON ASSEMBLIES:
Detachable solder (new ergonomic mini-handle) and desolder wands for ease of use and repair.
- PUMP:
A self-contained vacuum pump engineered to provide continuous, maintenance free operation.
- ISOLATED POWER SUPPLY:
Powered by a high quality 32VAC transformer.
- ACCESSORIES:
Optional XYFX1 fume extractor kit