

SOLDER POTS

SOLDER POTS FOR LEAD-FREE SOLDERING

Plato® solder pots are ideal for tinning lead wires, pre-tinning small electrical parts, or dip soldering small assemblies and circuit devices.

Porcelain Coated Crucibles

Plato's porcelain coated crucible is easy to clean and offers a long service life. Solder will not adhere to the porcelainized surface, allowing for easy maintenance. The coating also resists the corrosion common with activated fluxes and high tin content solders. All Plato solder pots can be ordered with a porcelain coated crucible by adding a P to the end of the part number.



"Solder beads off the porcelain coating like water on a freshly waxed car"

RoHS Process Compliant 



General Purpose Solder Pots

Plato General Purpose Solder Pots control temperature $\pm 11^{\circ}\text{F}$ ($\pm 6^{\circ}\text{C}$) through the use of a thermal timer switch with automatic correction for voltage fluctuations.

- Safety heat shield.
- Removable dross tray for easy cleaning.
- Three-wire, grounded UL listed cord.
- 2.5" (64mm) diameter by 1.5" (38mm) deep crucible.
- Adjustable leveling feet.
- All metal construction for ESD protection.



Precision Solder Pots

Plato's Precision Solder Pots exceed the requirements of military specifications ANSI (J-STD-001B). The pots control temperatures to $\pm 5^{\circ}\text{F}$ ($\pm 2.75^{\circ}\text{C}$) of a preselected setting from ambient to 925°F (496°C) and have an LCD temperature display.

SP-500TP AND SP-150TP

Additional Features:

- LCD that displays preset temperature and operating temperature.
- Temperature preset to select the desired temperature.
- Limits transient voltage spiking to 2mV peak-to-peak or less for voltage sensitive components.
- Internal circuitry to compensate for incoming power fluctuations, power line circuit breaker.
- Output jack for external temperature recorder or data logger.

SP-600TP AND SP-750TP

Additional Features:

- Large capacity crucible, 4" (102mm) by 6" (152mm) by 4" (102mm) deep.
- Safety warm-up crucible cover.



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Key: ● = Best ○ = Acceptable ○ = Not applicable / Not recommended

120 VAC Product	240 VAC Product	Lead-Free Solders	Temperature Readout	Precision Temp. Control	Crucible Dimension	Solder Capacity	Temperature Range	Wattage	Highlights
SP-101	SP-201	○	○	○	2.5" dia.	2 lbs.	500° - 975°F	350	General Purpose
SP-101P	SP-201P	●	○	●	2.5" dia.	2 lbs.	500° - 975°F	350	Gen. purpose w/protective porcelain crucible
SO-301	SP-401	○	○	○	2.5" dia.	2 lbs.	500° - 1100°F	500	High powered general purpose
SP-301P	SP-401P	●	○	○	2.5" dia.	2 lbs.	500° - 1100°F	500	High powered w/protective porcelain crucible
SP-500T	SP-150T	○	●	●	2.5" dia.	2 lbs.	ambient to 925°F	350	Precision temperature control
SP-500TP	SP-150TP	●	●	●	2.5" dia.	2 lbs.	ambient to 925°F	350	Precision w/protective porcelain crucible
SP-600T	SP-750T	○	●	●	4"x 6"x 4"	32 lbs.	ambient to 750°F	100	Precision, large solder bath

All 240 VAC pots are  approved.