



Upgrade Your PS-800 Soldering System for Maximum Lead-free Performance

Enhanced PS-CA2 Coil Assembly allows the PS-800 to be the perfect, compact system for repetitive manual soldering and touch-up.

Adding the new PS-CA2 Coil Assembly to your current PS-800 Soldering System increases the system's capabilities to be perfect for lead-free applications. The PS-CA2 is designed to be used with OK International's line of Power Heater Tips. Together, they allow operators to produce high quality product quickly, easily and safely. The PS-800, PS-CA2 and Power Heater Tips combine for a reliable, hassle-free production tool that can be used to solder lead-free PCBs without needing to be continually re-calibrated, like traditional technologies, to meet the higher temperature requirements.

Power Heater Tips for Production Soldering

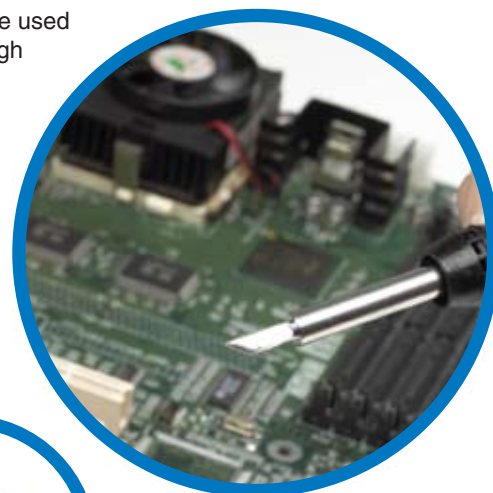
OK International has developed a comprehensive line of large diameter, high power soldering tip geometries for the PS-CA2 Coil Assembly. The result is extended tip life without reducing thermal performance.

The Power Heater Tips offer a combination of performance and value. The replaceable tips are used with the PS-CA2 Enhanced Coil Assembly and deliver high power, economical soldering in high volume production applications. The tips come in a thermally optimized large diameter tip that includes additional iron plating for longer life.

Perfect For Lead-Free Hand Soldering

The most important technical challenge of lead-free hand soldering is being able to solder heat sensitive components at 215-220° C, without causing damage. This requires a soldering iron that can respond to the thermal energy demands of the application and deliver the correct amount of energy to the joint without overshoot that can cause damage.

OK International's PS-800 Soldering System is perfect for lead-free hand soldering. SmartHeat® technology allows the higher thermal performance requirements of lead-free alloys to be met without increasing the tip temperature. Thus, the risk of thermal damage is eliminated.



PS-CA2 Enhanced Coil Assembly

To upgrade your current PS-800 Soldering System for full lead-free capability, order the PS-CA2 Coil Assembly for use with Power Heater Tips.

Part No.	Description
PS-CA2	Coil Assembly

PS-800 Accessories & Spare Parts

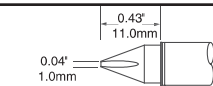
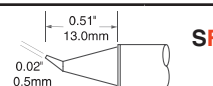
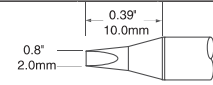
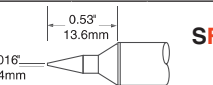
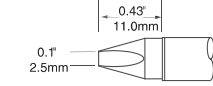
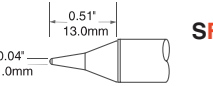
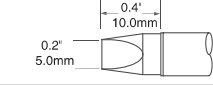
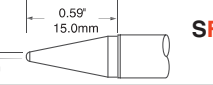
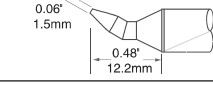
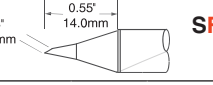
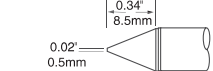

Part No.	Description
PS-PW1	PS-800 Power Supply
PS-WSAS	PS-800 Auto Sleep Workstand with Sponge
AC-YS4	Sponge 3.12" x 1" (pack of 10)
PS-HC1	PS-800E Soldering Handle with Coil Assembly
AC-CP2	Heater Tip Removal Pad
AC-PM	Power Meter AC

Lead Free Process Identification

To easily identify the lead-free processes, we have designed visual indicators for system parts where cross contamination can occur, such as tips & work stand sponges.

Part No.	Description
PS-WSAS-G	Green Auto Sleep Workstand (not pictured)
AC-CK4	Green Cartridge Identification Ring for SFV Consumables (Pack of 50)

Power Heater Tips for Production Soldering

Part No.	Solder Tip	Part No.	Solder Tip
	SFV-CH10 Chisel Solder Tip, 30 1.0mm (.04")		SFV-CNB05 Conical Bent Solder Tip, 0.5mm (.02")
	SFV-CH20 Chisel Solder Tip, 2.0mm (.08")		SFV-CNL04 Conical Long Solder Tip, 0.4mm (.016")
	SFV-CH25 Chisel Solder Tip, 2.5mm (.10")		SFV-CNL10 Conical Long Solder Tip, 1.0mm (.04")
	SFV-CH50 Extra Large Chisel Solder Tip, 5.0mm (.20")		SFV-CNL14 Conical Long Tip, 1.4mm (.055")
	SFV-CHB15 Chisel Bent 30 Solder Tip, 1.5mm (.06")		SFV-DRH20 Conical Bevel Solder Tip, 2.0mm (.08")
	SFV-CN05 Conical Solder Tip, 0.5mm (.02")		SFV-DRK50 Knife Solder Tip, 5.0mm (.20")

To order specialty versions of the Power Heater Tips replace the "F" in the part number with the appropriate letter designate for your application when ordering: T = Temperature Sensitive C = Ceramic or Heavy Load

Contents of this datasheet are subject to change without notice.

Mouser Electronics

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