



PS-800E High Performance Production Soldering System

Designed to be the perfect, compact system for repetitive manual soldering and touch-up.

The PS-800E Soldering System features an innovative, compact power supply which is ideal for demanding production environments. The system allows operators to produce high quality product quickly, easily and safely. It is a reliable, hassle-free production tool that can be used to solder lead-free PCBs immediately without needing to be continually re-calibrated, like traditional technologies, to meet the higher temperature requirements.

Power Heater Tips for Production Soldering

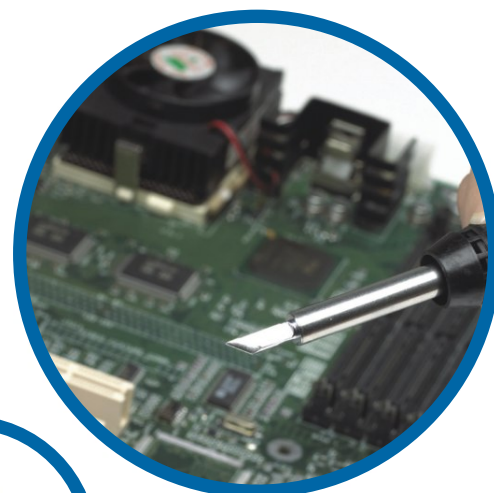
OK International has developed a comprehensive line of large diameter, high power soldering tip geometries for the PS-800E Soldering System. The result is extended tip life without reducing thermal performance.

The Power Heater Tips offer a combination of performance and value. The replaceable tips are used with the PS-HC2 Soldering Hand piece 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-800E 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-800E Soldering System

System Includes Power Supply with Power Cord, Hand-Piece With Cord, Auto Sleep Workstand With Sponge And Cartridge Removal Pad

Part No.	Description
PS-800E	PS-800E High Performance Soldering System

Accessories & Spare Parts

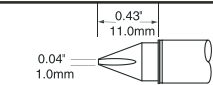
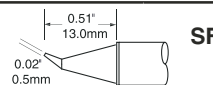
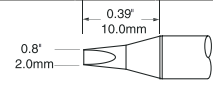
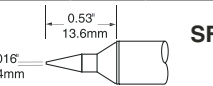
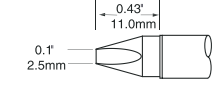
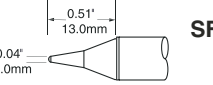
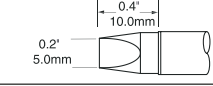
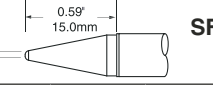
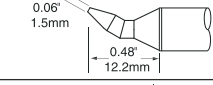
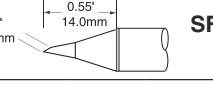
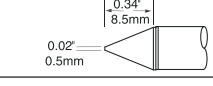
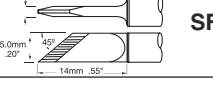
Part No.	Description
PS-PW1	PS-800 Power Supply
PS-WSAS	PS-800 Auto Sleep Workstand with Sponge
AC-YS4	Sponge 3.12" ϕ x 1" (pack of 10)
PS-HC2	PS-800E Soldering Handle with Coil Assembly
PS-CA2	PS-800E Coil Assembly
AC-CP2	Heater Tip Removal Pad
AC-PM	Power Meter AC

Lead Free Process Identification

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

Part No.	Description
PS-WSAS-G	Green Auto Sleep Workstand
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.