



PS-900 Soldering System

**High Power.
Superior Control.
Cost Effective.**

The power to solder demanding loads, the control to assure consistent results.

The OKi PS-900 Soldering System, powered by **SmartHeat® Technology**, is part of a new generation of cost-effective soldering systems from OK International. The PS-900 packs power and provides exceptional thermal control into a small benchtop footprint. The PS-900 provides operators the repeatability to produce high quality solder connections with exceptional speed.

More Applications

The PS-900 increases productivity by performing a wide range of applications. It is suited for lead-free soldering processes, multilayer boards and thermally demanding components. What's more, SmartHeat technology enables the PS-900 to solder at lower temperatures, even for such demanding applications as lead-free soldering processes. This means operators are more productive and materials are safe from damaging temperatures.

Low Operating Costs

The PS-900 is designed for simplicity and low maintenance. With SmartHeat Technology at its core, it requires no calibration. Moreover, it uses high quality tips that assure low ongoing operating costs. Its low cost makes it the perfect choice for small or large production environments, which need exceptional performance, while being mindful of operating budgets.

Key Features & Benefits

SmartHeat® Temperature Control	Fixed temperature, variable power with no thermal over shoot
Ergonomic, lightweight handle	Assures operator comfort and improved productivity
Rugged cast aluminum housing	Provides exceptional durability
Autosleep Workstand	Reduces tip oxidation in stand and increases tip life
Added plating thickness to tips	Extends tip life
Low cost, quick-change heater coil	For minimum operator "down time"



New Coil Shaft Design is Durable and Low Cost.



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- A. PS-H900 Hand-piece w/cord, WITHOUT Heater Coil Shaft
- B. PS-CS901 Coil Shaft
- C. PS-PW900 Power Supply
- D. WS2 Auto-sleep Workstand
- E. PS-HC901 Hand-piece w/cord and Heater Coil Shaft

PS-900 Soldering System

Part No.	Description
PS-900	Complete System: PS-PW900, PS-HC901, WS2, AC-CP2
PS-PW900	Power Supply, 100 to 240 VAC, 50/60 Hz, 90W Max. Input
PS-HC901	Hand-piece w/cord and Heater Coil Shaft
PS-H900	Hand-piece w/cord, WITHOUT Heater Coil Shaft
PS-CS901	Coil Shaft, PS-900 System
WS2	Auto-sleep Workstand, Black
WS2G	Auto-sleep Workstand, Green
AC-CP2	Tip Removal Pad

EASY ACCESS SOLDERING TIPS *for longer reach touch up applications*

	SFV-CN05A Conical Solder Tip 0.5mm (.02")		SFV-CH18A Fine Solder Tip 1.8mm (.07")
	SFV-CNL10A Conical Long Solder Tip 1.0mm (.04")		SFV-CH15A Chisel Solder Tip 1.5mm (.06")
	SFV-CH50A Chisel Solder Tip 5.0mm (.197")		SFV-CNL03A Conical Long Solder Tip 0.3mm (.01")
	SFV-CH25A Chisel Solder Tip 2.5mm (.10")		SFV-CNB04A Conical Bent Solder Tip 0.4mm (.016")
	SFV-CH10A Chisel Solder Tip 1.0mm (.04")		SFV-DRH430A Drag Solder Tip Hoof, 3.0mm (.12")
	SFV-DRH420A Hoof Solder Tip 45° 2.0mm (.08")		SFV-DRK45A Knife Solder Tip 4.5mm (.177")
			SFV-DRK30A Knife Solder Tip 3.0mm (.12")

SOLDERING TIPS *for heavy duty applications*

	SFV-CH10 Chisel Solder Tip 30° 1.0mm (.04")		SFV-CNL10 Conical Long Solder Tip 1.0mm (.04")
	SFV-CH20 Chisel Solder Tip 2.0mm (.08")		SFV-CNL14 Conical Long Solder Tip 1.4mm (.056")
	SFV-CH25 Chisel Solder Tip 2.5mm (.10")		SFV-DRH20 Conical Bevel Solder Tip 2.0mm (.08")
	SFV-CH50 Extra Large Chisel Solder Tip 5.0mm (.20")		SFV-DRK50 Knife Solder Tip 5.0mm (.20")
	SFV-CHB15 Chisel Bent 30° Solder Tip 1.5mm (.06")		SFV-CNL04 Conical Long Solder Tip 0.4mm (.016")
	SFV-CN05 Conical Solder Tip 0.5mm (.02")		SFV-DRK50S Drag Soldering Tip Knife 5.0mm (.20")
	SFV-CNB05 Conical Bent Solder Tip 0.5mm (.02")		SFV-CNL20 Conical Tip Long 2.0mm (.08")

The second digit denotes substrate material (damage tolerance). F= FR4 / Glass Fiber, for most standard applications. Two other series are also available, just replace F with either T or C. T = Temperature Sensitive, C = Ceramic