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

Fixed temperature, variable power with no thermal over shoot
Assures operator comfort and improved productivity
Provides exceptional durability
Reduces tip oxidation in stand and increases tip life
Extends tip life
For minimum operator "down time"











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PS-900 Soldering System

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

EASY ACCESS SOLDERING TIPS for longer reach touch up applications

2.5mm 2.5mm (.10") 2.0mm (.08") 2.5mm SFV-CH50 SFV-DRK50 5.0mm Extra Large Chisel Solder Tip 5.0mm (.20") 5.0mm SFV-CHB15 5.0mm (.20") 0.06* SFV-CHB15 5.0mm (.06") 0.06* SFV-CNL04 Conical Long Solder Tip 1.5mm 0.4ft 1.5mm (.06") 0.02* SFV-CN05 0.20* 0.04* SFV-CN05 SFV-CN05 0.02* SFV-CN05 0.20* 0.02* SFV-CN05 0.20* 0.02* SFV-CN05 SFV-CN05 0.02* SFV-CN05 0.20* 0.51* SFV-CN05 SFV-DRK50S 0.02* SFV-CN05 SFV-CN20 0.51* SFV-CNB05 SFV-CNL20 0.00* SFV-CNL20 Conical Tip Long		ne me for forigor foudin toudin up	apphoadono	
Conical Long Solder Tip 1.0mm (.04*) SFV-CH50A Chisel Solder Tip 5.0mm (.197*) SFV-CH50A Chisel Solder Tip 5.0mm (.197*) SFV-CH50A Chisel Solder Tip 2.5mm (.107*) SFV-CH50A Chisel Solder Tip 2.5mm (.107*) SFV-CH50A SFV-CH50A SFV-CH50A Chisel Solder Tip 2.0mm (.04*) SFV-CH50A SFV-CH50A SFV-CH50A SFV-CH50A SFV-CH50A SFV-CH50A SFV-CH50A SFV-CH50A SFV-CH50A SFV-CH50A SFV-CH50A SFV-CH50 SFV-C	.02" 13.7mm	Conical Solder Tip	.07"	Fine Solder Tip
Image: Structure Chisel Solder Tip Image: Structure Conical Long Solder Tip Image: Structure Structure Structure Structure Structure Image: Structure Structure	.04* 15.0mm	Conical Long Solder Tip	13.4mm	Chisel Solder Tip
Image: SPV-CH20A SPV-CH20A Chisel Solder Tip SFV-CH20A SFV-CH20A SFV-CH20A Chisel Solder Tip SFV-CH20A SFV-CH20A SFV-CH20A SFV-CH20A SFV-CH20A SFV-CH20A SFV-CH20A SFV-DRH420A Hoof Solder Tip 45° Image: SFV-DRH420A Hoof Solder Tip 45° Image: SFV-DRH420A SFV-DRH420A Knife Solder Tip 45° SFV-DRH420A Knife Solder Tip 45° SFV-DRH420A Knife Solder Tip 30° 1.00m (08°) SFV-DRH32A SFV-DRH20A SFV-DRH32A SOLDERING TIPS for heavy duty applications SFV-DRH32A SOLDERING TIPS for heavy duty applications SFV-CH10 Image: SFV-CH20 Image: SFV-CH20 Image: SFV-CH20 Image: SFV-CH20 <td< td=""><td>.197*</td><td>Chisel Solder Tip</td><td>.01" 18.4mm</td><td>Conical Long Solder Tip</td></td<>	.197*	Chisel Solder Tip	.01" 18.4mm	Conical Long Solder Tip
SPV-DRING SPV-DRING SPV-DRING 10mm Chisel Solder Tip Drag Solder Tip 10mm 10mm 10mm 00 ^m SFV-DRIH420A Hoof Solder Tip 45° 50mm SFV-DRK45A Knife Solder Tip 45° 50mm 50mm 10mm 10mm 20mm SFV-DRK45A Knife Solder Tip 4.5° 50mm 50mm 10mm 30mm 10mm 10mm 10mm 10mm 10mm 10mm 10mm 30mm 10mm	10" 13.4mm	Chisel Solder Tip	0.4mm	Conical Bent Solder Tip
Hoof Solder Tip 45° 2.0mm (.08") 4.5mm 4 4 Knife Solder Tip 4.5mm (.177") SFV-DRK30A Knife Solder Tip 3.0mm (.12") SFV-CNL10 Conical Long Solder Tip 3.0mm (.12") SOLDERING TIPS for heavy duty applications SFV-CNL10 Conical Long Solder Tip 3.0° 1.0mm (.04") SFV-CNL10 Conical Long Solder Tip 1.0mm SFV-CNL10 Conical Long Solder Tip 2.0mm SFV-CH20 Chisel Solder Tip 2.0mm SFV-CNL14 Conical Long Solder Tip 1.4mm SFV-CNL14 Conical Long Solder Tip 2.0mm SFV-CH25 Chisel Solder Tip 2.0mm SFV-CH25 Chisel Solder Tip 2.0mm SFV-CH20 Conical Bevel Solder Tip 2.0mm SFV-CNL14 Conical Long Solder Tip 2.0mm SFV-CH25 Chisel Solder Tip 2.0mm SFV-CH25 Chisel Solder Tip 2.0mm SFV-CH25 Conical Long Solder Tip 2.0mm SFV-CNL14 Conical Long Solder Tip 2.0mm SFV-CH25 Conical Solder Tip 1.5mm SFV-CH25 Conical Long Solder Tip 2.0mm SFV-CNL42 Conical Bevel Solder Tip 5.0mm SFV-CNL42 Conical Bevel Solder Tip 5.0mm SFV-CNB15 Conical Solder Tip 1.5mm SFV-CNL04 Conical Long Solder Tip 0.4mm SFV-CNL04 Conical Long Solder Tip 0.4mm SFV-CNL04 Conical Solder Tip 0.4mm SFV-CNB05 Conical Solder Tip 0.5mm SFV-CNL20 Conical Solder Tip 0.5mm SFV-CNL20 Conical Tip Long	.04" 13.7mm	Chisel Solder Tip		Drag Solder Tip
Solutions Knife Solder Tip 3.0mm (12") Solutions SPV-CH10 Chisel Solder Tip 30° 1.0mm (04") SFV-CH10 Chisel Solder Tip 30° 1.0mm (04") SFV-CH20 Chisel Solder Tip 2.0mm (08") SFV-CH25 Chisel Solder Tip 2.0mm (10") SFV-CH25 Conical Bevel Solder Tip 2.0mm (.08") SFV-CH25 Conical Bevel Solder Tip 2.0mm (.08") SFV-CH25 Conical Bevel Solder Tip 2.0mm (.08") SFV-CH25 Conical Bevel Solder Tip 5.0mm (.20") SFV-CH25 Conical Solder Tip 5.0mm (.20") SFV-CH20 Conical Bevel Solder Tip 5.0mm (.20") SFV-CH815 Conical Solder Tip 0.5mm (.06") SFV-CNL04 Conical Long Solder Tip 0.0mm (.016") SFV-CNL04 Conical Solder Tip 0.5mm (.02") SFV-CNL04 Conical Solder Tip 0.5mm (.02") SFV-CNL04 Conical Solder Tip 0.5mm (.02") SFV-CNL04 Conical Solder Tip 0.5mm (.02") SFV-CNL05 Conical Solder Tip 0.5mm (.02")	2.0mm	Hoof Solder Tip 45°	4.5m m ⁴ , 45 ^a	Knife Solder Tip
0.4% SFV-CH10 0.0% SFV-CNL10 0.0% 30° 1.0mm (.04") 0.0% SFV-CNL10 0.0% 0.0% 1.0mm 0.0% SFV-CNL10 0.0% 0.0% 0.0% 1.0mm 0.0% 0.0% SFV-CH20 0.0% SFV-CNL14 Conical Long Solder Tip 0.0% SFV-CH25 0.0% SFV-CNL14 Conical Long Solder Tip 0.0% SFV-CH25 0.0% SFV-CNL20 Conical Bodder Tip 0.1% SFV-CH50 SFV-CH50 SFV-CNL50 SFV-CNL50 SFV-CH815 SFV-CH815 SFV-CNL04 Conical Long Solder Tip 0.0% SFV-CH815 SFV-CNL04 Conical Long Solder Tip 0.0% SFV-CNB50 SFV-CNL04 Conical Long Solder Tip 0.0% SFV-CNB5 SFV-CNL04 Conical Long Solder Tip 0.0% SFV-CNB5 SFV-CNL05 SFV-DRK50 0.0% SFV-CN05 SFV-CNU5 SFV-DRK50 0.0% SFV-CNU5 SFV-CNU20 Date 0.0% SFV-CNB5 SFV-CNU20 SFV-CNL20 0.0%			.12" + 455 3.0mm ±	Knife Solder Tip
Image: Spy-CH10 Spy-CH10 Spy-CH10 Concal Long Solder Tip 0.04* SFV-CH20 Concal Long Solder Tip Concal Long Solder Tip 0.04* SFV-CH20 SFV-CH20 SFV-CNL14 0.05* Concal Long Solder Tip SFV-CH20 0.05* SFV-CH20 Concal Long Solder Tip 2.0mm SFV-CH25 Concal Bevel Solder Tip 0.1* Chisel Solder Tip SFV-CH50 SFV-CH50 SFV-CH50 SFV-CNK50 Knife Solder Tip SFV-CH815 SFV-CNL04 0.0* SFV-CHB15 SFV-CNL04 Chisel Bent 30°Solder Tip SFV-CNL04 Conical Long Solder Tip 0.0* SFV-CN05 Som SFV-CNL04 0.0* SFV-CNL05 SFV-CNL04 SFV-CNL04 0.0* SFV-CN850 SFV-CNL04 SFV-CNL04 0.0* SFV-CNB05 SFV-CNL20 Coni	SOLDERING TIPS for hea	vy duty applications		
0.8"Chisel Solder Tip 2.0mm (.08")Conical Long Solder Tip 1.4mm (.056")0.4"SFV-CH25 Chisel Solder Tip 2.5mm (.10")SFV-CH25 Conical Bevel Solder Tip 2.5mm (.08")SFV-DRH20 Conical Bevel Solder Tip 2.0mm (.08")0.4"SFV-CH50 Extra Large Chisel Solder Tip 5.0mm (.20")SFV-CH50 Extra Large Chisel Solder Tip 5.0mm (.20")SFV-DRK50 Knife Solder Tip 5.0mm (.20")0.06"SFV-CHB15 Chisel Bent 30°Solder Tip 1.5mm (.06")SFV-CNL04 Conical Long Solder Tip 0.4mm0.06"SFV-CN05 Conical Solder Tip 0.5mm (.02")SFV-CNL04 Conical Long Solder Tip 0.5mm0.06"SFV-CN05 Conical Solder Tip 0.5mm (.02")SFV-CNL04 Conical Long Solder Tip 0.5mm0.05"SFV-CN05 Conical Solder Tip 0.5mmSFV-CNL20 Conical Tip Long	0.04*	Chisel Solder Tip	13.0mm	Conical Long Solder Tip
0.1* Chisel Solder Tip Conical Bevel Solder Tip 2.5mm 2.5mm (.10") SFV-CH25 Conical Bevel Solder Tip 0.08* 2.5mm (.10") SFV-CH50 SFV-DRK50 0.2* SFV-CH50 SFV-CH50 SFV-DRK50 0.08* SFV-CHB15 SFV-CHB15 SFV-CNL04 0.08* Conical Solder Tip 0.016* SFV-CNL04 0.08* SFV-CN05 0.016* SFV-DRK50S 0.02* SFV-CN05 Conical Solder Tip 0.016* 0.02* SFV-CN05 SFV-CN05 Drag Solder Tip 0.02* SFV-CN05 SFV-CN05 Drag Solder Tip 0.02* SFV-CN05 SFV-CN05 SFV-DRK50S 0.02* SFV-CN05 SFV-CN05 SFV-DRK50S 0.02* SFV-CN05 SFV-CN120 SFV-CN120 0.03* SFV-CNB05 SFV-CN120 SFV-CN120 0.05* SFV-CNB05 SFV-CN120 Conical Tip Long	0.8"	Chisel Solder Tip	0.056"-0	Conical Long Solder Tip
0.2" Si Vechilo 0.2" Extra Large Chisel Solder Tip 5.0mm 5.0mm (.20") 0.06" SFV-CHB15 Chisel Bent 30°Solder Tip SFV-CNL04 0.06" Conical Long Solder Tip 1.5mm 0.06" 0.46" SFV-CND5 Conical Solder Tip 0.016" 0.02" SFV-CN05 Conical Solder Tip 0.20" 0.51" SFV-CN05 Conical Solder Tip 0.30" 0.51" SFV-CN05 Conical Solder Tip 0.50" 0.51" SFV-CN05 Conical Solder Tip 0.50" 0.51" SFV-CN05 Conical Solder Tip 0.50" 0.50" SFV-CNL20 Conical Bent Solder Tip 0.06" 0.05" SFV-CNL20 Conical Tip Long	0.1"	Chisel Solder Tip	0.08 [°]	Conical Bevel Solder Tip
0.000 0.48° Chisel Bent 30°Solder Tip 0.016° Conical Long Solder Tip 0.48° 1.5mm (.06″) 0.4mm 0.4mm 0.4mm (.016″) 0.48° SFV-CN05 0.4mm 0.4mm 0.4mm (.016″) 0.02° Conical Solder Tip 0.5mm 0.5mm Drag Soldering Tip 0.5mm 0.5mm (.02″) 0.5mm (.02″) SFV-CNL20 0.5mm SFV-CNB05 0.5mm SFV-CNL20 Conical Bent Solder Tip 0.58° SFV-CNL20 Conical Bent Solder Tip 0.08° SFV-CNL20 Conical Bent Solder Tip 0.08° Conical Tip Long	0.2"	Extra Large Chisel Solder Tip	.20" +	Knife Solder Tip
0.34* 8.5mm SFV-CN05 Conical Solder Tip 0.5mm (.02") 355 0.5mm SFV-DRK50S Drag Soldering Tip Knife 5.0mm (.20") 0.51* 13.0mm SFV-CNB05 Conical Bent Solder Tip 5.50* 0.50* SFV-CNL20 Conical Tip Long	1.5mm	SFV-CHB15 Chisel Bent 30°Solder Tip	0.016"	Conical Long Solder Tip
Isomm SPV-CNB05 Conical Bent Solder Tip 0.08*	0.34* 8.5mm	Conical Solder Tip	0.20' ' 5.0mm <u>.</u> 0.59'	Drag Soldering Tip
0.5mm (.02") 2.0mm (.08")	13.0mm		15.0mm	

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

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