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.

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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 coil assembly	For minimum operator “down time”







Hand-piece is Ergonomic and Lightweight



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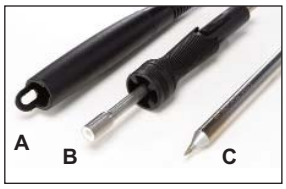


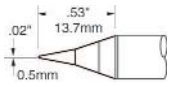


A. PS-H3 Hand-piece with Cord, NO Coil Assembly
B. PS-CA3 Coil Assembly
C. SxV Soldering Tip
D. PS-PW900 Power Supply
E. WS2 Auto-sleep Workstand
F. PS-HC3 Hand-piece w/cord and Coil Assembly

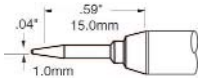
PS-900 Soldering System

Part No.	Description
PS-900	Complete System: PS-PW900, PS-HC3, WS2, AC-CP2
Accessories	
PS-PW900	Power Supply, 100 to 240 VAC, 50/60 Hz, 90W Max. Input
PS-HC3	Hand-piece w/cord (PS-H3) and Coil Assembly (PS-CA3)
PS-CA3	Coil Assembly, PS-900 System
PS-H3	Hand-piece with Cord, NO Coil Assembly
WS2	Auto-sleep Workstand, Black Cradle
WS2G	Auto-sleep Workstand, Green Cradle
AC-CP2	Tip Removal Pad

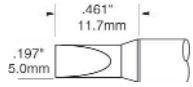
EASY ACCESS SOLDERING TIPS *for longer reach touch up applications*



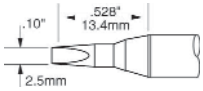
SFV-CN05A
Conical Solder Tip
0.5mm (.02")



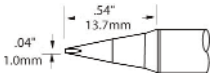
SFV-CNL10A
Conical Long Solder Tip
1.0mm (.04")



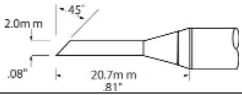
SFV-CH50A
Chisel Solder Tip
5.0mm (.197")



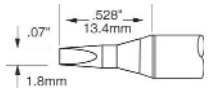
SFV-CH25A
Chisel Solder Tip
2.5mm (.10")



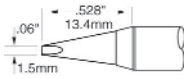
SFV-CH10A
Chisel Solder Tip
1.0mm (.04")



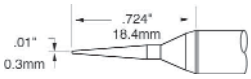
SFV-DRH420A
Hoof Solder Tip 45°
2.0mm (.08")



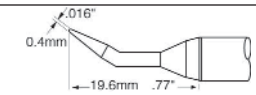
SFV-CH18A
Fine Solder Tip
1.8mm (.07")



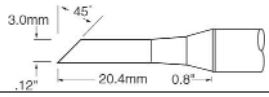
SFV-CH15A
Chisel Solder Tip
1.5mm (.06")



SFV-CNL03A
Conical Long Solder Tip
0.3mm (.01")



SFV-CNB04A
Conical Bent Solder Tip
0.4mm (.016")



SFV-DRH430A
Drag Solder Tip
Hoof, 3.0mm (.12")

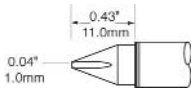


SFV-DRK45A
Knife Solder Tip
4.5mm (.177")

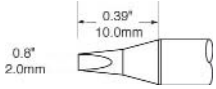


SFV-DRK30A
Knife Solder Tip
3.0mm (.12")

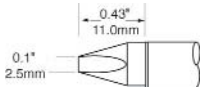
SOLDERING TIPS *for heavy duty applications*



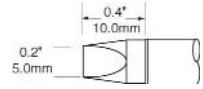
SFV-CH10
Chisel Solder Tip
30° 1.0mm (.04")



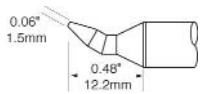
SFV-CH20
Chisel Solder Tip
2.0mm (.08")



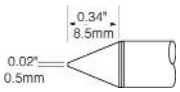
SFV-CH25
Chisel Solder Tip
2.5mm (.10")



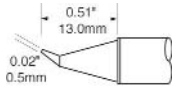
SFV-CH50
Extra Large Chisel Solder Tip
5.0mm (.20")



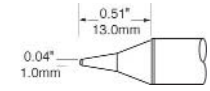
SFV-CHB15
Chisel Bent 30°Solder Tip
1.5mm (.06")



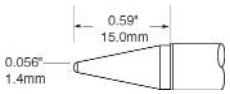
SFV-CN05
Conical Solder Tip
0.5mm (.02")



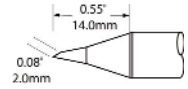
SFV-CNB05
Conical Bent Solder Tip
0.5mm (.02")



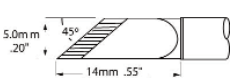
SFV-CNL10
Conical Long Solder Tip
1.0mm (.04")



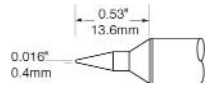
SFV-CNL14
Conical Long Solder Tip
1.4mm (.056")



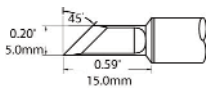
SFV-DRH20
Conical Bevel Solder Tip
2.0mm (.08")



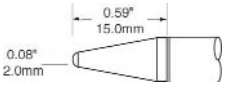
SFV-DRK50
Knife Solder Tip
5.0mm (.20")



SFV-CNL04
Conical Long Solder Tip
0.4mm (.016")



SFV-DRK50S
Drag Soldering Tip
Knife 5.0mm (.20")



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