

Configurable System Provides Versatility, SmartHeat® Provides Power & Control

The MFR-1100 Series Single Output Soldering and Rework Systems feature a choice of tools to support today's PCB and component technologies, providing maximum application solutions and increased productivity.

These new systems provide high power solutions for production soldering, touch-up soldering and SMD rework. As with Metcal Soldering Systems, the MFR-1100 series incorporates SmartHeat® Technology that dynamically responds to the load, precisely delivering the required energy for each connection, while protecting sensitive components and substrates from damage. With Smart-Heat® Technology, users are assured of highly responsive and controlled heating.

Multiple Hand-pieces Increases User Flexibility

The MFR-1100 offers maximum application solutions with a choice of three hand-pieces. The MFR-H1-SC Cartridge Hand-piece offers a comprehensive range of soldering and rework cartridges, similar to our popular

Metcal range, that provide fine-access soldering tips, SMD rework tips and pad clean-up blade tips.

A hand-piece for production soldering, MFR-H2-ST, features high power and tips designed for production soldering environments.

A third option for the system is the MFR-H4-TW Precision Tweezers Hand-piece. This hand-piece is ideal for SMD removal of 0201 resistors to 28 mm long SOIC.









MFR-1100 Series Single Output Soldering and Rework System

Key Features & Benefits

- SmartHeat® Technology provides exceptional power for high thermal demand applications
- High power output at a fixed temperature provides high throughput with excellent yields
- Three hand-pieces available for increased application solutions for soldering and rework on one system
- · Each hand-piece has a comprehensive range of cartridges or tips for maximum flexibility
- · Hand-pieces are ergonomic for operator safety and comfort

SYSTEM CONFIGURATIONS

Part Number	Description
MFR-1110	Single output, one cartridge soldering hand-piece, workstand
MFR-1120	Single output, one tip soldering hand-piece, workstand
MFR-1140	Single output, one precision tweezers hand-piece, workstand

System Number and Components	MFR-PS1100 Power Supply	MFR-H1-SC Soldering hand-piece - cartridge	MFR-H2-ST Soldering hand-piece - tip	MFR-H4-TW Tweezers hand-piece - cartridge	WS1 Universal Soldering hand-piece workstand	MFR-WSPT Tweezers workstand
MFR-1110	1	1			1	
MFR-1120	1		1		1	
MFR-1140	1			1		1

SYSTEM COMPONENTS

All of the hand-pieces can be used with the OKi MFR-2200 Series Dual Simulaneous Output Soldering and Rework Systems.

Part Number	Description
MFR-H1-SC	Hand-piece, Soldering Cartridge
MFR-H2-ST	Hand-piece, Soldering Tip
MFR-H4-TW	Hand-piece, Precision Tweezers Cartridge
MFR-PS1100	Power Supply, Single Output
WS1	Auto Sleep Workstand for Cartridge Soldering (MFR-H1-S

stand for Cartridge Soldering (MFR-H1-SC) or Tip Soldering (MFR-H2-ST) Hand-pieces, Black Cradle (standard with system)

Auto Sleep Workstand for Cartridge Soldering (MFR-H1-SC) or Tip Soldering

(MFR-H2-ST) Hand-pieces, Green Cradle (optional)

Workstand for Tweezers Hand-piece (MFR-H4-TW), Black Cradle (standard) MFR-WSPT

UPGRADE KITS

Part Number

Hand-piece

WS1G

All of the Upgrade Kits can be used with the OKi MFR-2200 Series Dual Simulaneous Output Soldering and Rework Systems.

Part Number	Description
MFR-UK1	Upgrade Kit: Solder Cartridge Hand-piece (MFR-H1-SC) and Workstand (WS1)
MFR-UK2	Upgrade Kit: Solder Tip Hand-piece (MFR-H2-ST) and Workstand (WS1)
MFR-UK4	Upgrade Kit: PrecisitionTweezers Hand-piece (MFR-H4-TW) and Workstand (MFR-WSPT)

ACCESSORIES AND SPARES

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MFR-CA2	Coil Assembly, Soldering Tip Hand-piece (MFR-H2-ST)
MFR-PM70	Power meter, MFR (optional)
AC-CP2	Cartridge / Tip Removal Pad

AC-BP Brass Pad (pack of 10)

Description

SOLDERING AND REWORK CARTRIDGES AND TIPS Tip or Cartridge Series

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MFR-H1-SC	SxP Soldering Cartridges and RxP Rework Cartridges
MED HO CT	Syl/ Sories Production Soldering Tips and Cyl/ "Close L

SxV Series Production Soldering Tips and CxV "Clean-up" Blade Tips for MFR-H2-ST

Pad Clean-up

MFR-H4-TW TxP Series Cartridges for SMD Rework

To view the complete range of cartridges and tips please visit www.okinternational.com





MFR-2200 Series Hand-pieces A. MFR-H4-TW Precision Tweezers B. MFR-H1-SC Soldering Cartridge C. MFR-H2-ST Soldering Tip





The Cartridge hand-piece uses small diameter cartridges for easy access and includes a full range for SMD rework.





Precision Tweezers rework SMD components with fine dimension to large blade geometries, while the Soldering Tip hand-piece has exceptional power for production soldering.



ПОСТАВКА ЭЛЕКТРОННЫХ КОМПОНЕНТОВ

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001 Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

Данный компонент на территории Российской Федерации Вы можете приобрести в компании MosChip.

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В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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