

# Solder Wire Feeder

Metcal's USF-1000 Solder Wire Feed System adds control and convenience to your soldering process. The digital controls, high performance, and its ability to handle multiple solder diameters provide repeatability and functionality to your process. The USF-1000 pairs with Metcal's SmartHeat® MX-5200 or MX-500 Soldering and Rework Systems.

The soldering system utilizes SmartHeat® Technology, wherein each cartridge is equipped with a self-regulating heater which 'senses' its own temperature and closely maintains its pre-set idle temperature for the life of the heater-tip.



## Systems Configuration & Upgrade Kits

### MX-5200-SF Soldering / Rework System with USF-1000

Power supply, solder feeder, MX-H7-SF solder feeder hand-piece, USF-FTA-12 Feeder Tube Assembly, USF-GTA-12 Teflon Nozzle, AC-FS1 footswitch and WS1 sleeper work stand



### MX-500-SF Soldering / Rework System with USF-1000

Power supply, solder feeder, MX-H7-SF solder feeder hand-piece, USF-FTA-12 Feeder Tube Assembly, USF-GTA-12 Teflon Nozzle, AC-FS1 footswitch and WS1 sleeper work stand



## Accessories & Spares

MX-H7-SF	Solder Wire Feeder hand-piece for MX system
USF-FTA-06	Feeder Tube Assembly, 0.25-0.39mm wire dia.
USF-FTA-12	Feeder Tube Assembly, 0.56-0.71mm wire dia.
USF-FTA-17	Feeder Tube Assembly, 0.79-1.27mm wire dia.
USF-GTA-06	Guide Tube and Teflon Nozzle
USF-GTA-12	Guide Tube and Teflon Nozzle
USF-GTA-17	Guide Tube and Teflon Nozzle
AC-FS1	Footswitch

## Features & Benefits

- ▶ Digital Controls with multiple Modes of Operation: Forward Feed, Retraction, Delay, and Speed are programmable parameters in either the automatic, forward, or the backward mode of operation.
- ▶ Large LCD Display: displays program parameters and a cycle counter with the selectable unit of measure, millimeters or inches.
- ▶ Internal Program Storage: stores internally thirty (30) programs allowing the operator to select the right program for the right application
- ▶ Password Protection: prevents unintended changes to stored programs
- ▶ Multiple Solder Diameters: compatible with solder diameters 0.4mm to 1.80mm
- ▶ Solder Feed Blades: reduces the tendency for solder balls to form at point of use
- ▶ Solder Spool Lock: secures the solder spool to the unit

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