

increases productivity of operators and saves money in solder wire

**lowers overall production cost through higher productivity and saving in material**



**Scope of Supply**

- Main Controller & Feeder Unit
- Soldering Pencil with Wire Feeding attachment
- 3.2 mm Chisel Soldering Bit

**Note:** Standard system comes with accessories for 0.8mm solder wire. For other dia. accessories will change. Please specify clearly solder wire size to be used. Choices are 0.6, 0.8, 1.0, 1.2mm

Note: Solder wire roll is not a part of supply.

Control Unit with close loop precise PID temperature control



Today's highly competitive and demanding industrial soldering applications need highest possible productivity of operators and every paisa must be saved for profitability. Such demanding requirements are met with Fast Thermal Recovery Digital Soldering Station with Auto Solder Feeder Model DSF76D. Affordably priced, it is the right choice. Besides making one hand of operator free, it also provides consistent quality for each solder joint as same amount of Solder wire with pre-programmed feeding is applied at optimized process temperature.

**Scope of Supply**

- Main Controller & Feeder Unit
- Soldering Pencil with Wire Feeding attachment
- 3.2 mm Chisel Soldering Bit
- Soldering Pencil Holder

**Specifications**

- Temperature Range : 200°C ~ 480°C
- Temperature Stability : ± 2% of final value
- Tip to Ground Resistance : <2Ω
- Tip to Ground Potential : <2mV
- Input Supply : 230VAC, 50 Hz
- Feeding Speed : About 2.7mm/s~27mm/s
- Feeding Interval Time : 0~2.7s
- Feeding Length : 0~150mm
- Returning Time : 0~0.9s
- Feeding Mode : Auto (1~9) / Manual (0)
- Diameter of Solder Wire : Either of 0.6, 0.8, 1, 1.2 mm
- Weight for Solder Wire : ≤1Kg (Roll)

**Features**

- High frequency fast heating and rapid thermal recovery ensure defect free leadfree soldering.
- Precise temperature settings by keys
- In-built calibration offsets & auto-sleep
- Adjustable feeding speed of solder wire
- Adjustable feeding length of solder wire
- Adjustable interval time & returning time

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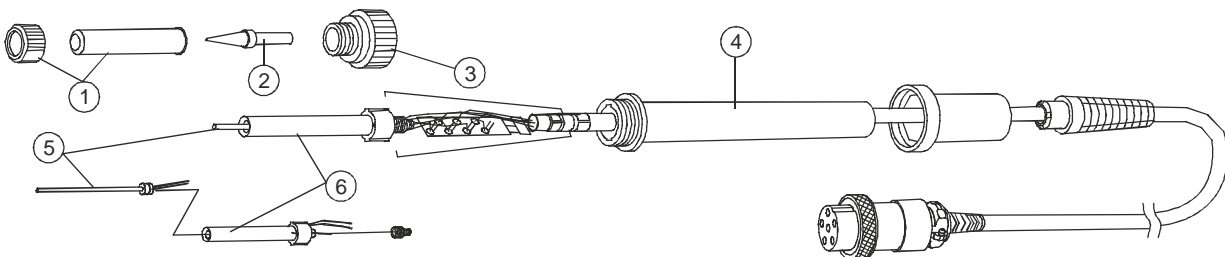
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Custom designed Soldering Tips can be made on special request with MOQ.

**Wide range of Soldering Tips are available for different soldering applications**

Description	Diagram	Width (mm)	Thickness (mm)	Model
Chisel Tip		1.6	0.5	200-1.6D
Chisel Tip		2.4	0.5	200-2.4D
Chisel Tip		3.2	0.5	200-3.2D
Chisel Tip		4.2	0.5	200-4.2D
Sloped Tip		Ø2	-	200-2C
Sloped Tip		Ø3	-	200-3C
Sloped Tip		Ø4	-	200-4C

**Assured availability, normally ex-stock, of spare parts for both Soldering Pencil**



SN	Description	Remarks
1	Barrel & Nut Assembly	Whenever required
2	Soldering Tip	Replace if worn out
3	Heater Enclosure (Nipple)	Whenever required
4	Handle	Whenever required
5	Temperature Sensor	Replace when display shows S-E
6	Heating Element	Replace when display shows H-E

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