

# Low Cost Hi-Production Workhorse Soldering Station Model DSS36

Low capital investment + low running cost, uses lower priced Soldering Tips

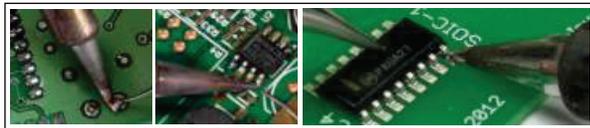


**Add optional Auto Solder Wire Feeder to raise production rate and to avoid solder wire wastage**



Solder Feeder and attachment or Soldering Pencil

standard type is for 0.8mm dia Solder Wire. Also available for 0.6/0.8/1.0/1.2/1.4/1.6/1.8/2.0mm



## Scope of Supply

- Power & Control Unit
- Soldering Pencil
- Soldering Tip
- Holder with Cleaning Sponge

## Features

- Temperature Locking with supervisory password
- Fast heating Ceramic Heating Element
- In-built Digital Calibration for ISO 9000
- Reliable LED type Digital Display
- Soldering Tips available for different applications
- Suitable for **Lead-Free** soldering

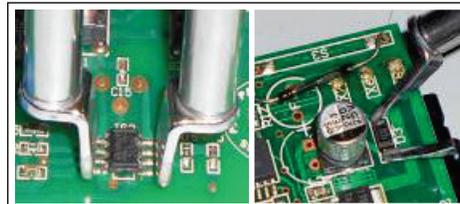
## Specifications

- Power : 90 Watts
- Input Supply : 230 VAC, 50 Hz
- Temperature Range : 80°C ~ 480°C
- Tip to Ground Potential : < 2mV
- Tip to Ground Resistance : < 2 Ohm

**Add Optional SMD Thermal Tweezer for reworking of SMD LED Chips & SMD ICs for easy and quick reworking of SMD components: 0603 Chips, SODs, SOTs, SOICs**

## Specifications

- Power : 50 Watt
- Input Supply : 220VAC, 50Hz
- Temperature Range : upto 480°C
- Tip to Ground Resistance : <2Ω
- Tip to Ground Potential : <2mV



### How it works:

1. Switch ON Power and set desired temperature.
2. Grip the chip component and hold for few seconds till solder melts
3. Pick up chip component.

## Features

- Twin-tube Tip Inserts heat SMD Chip components directly without disturbing adjacent components.
- Easy reworking of SMD components as LED Chips, Resistors/Capacitors/ Inductors Chips, MELFs, SODs, SOTs, 4/6/8/14/16/18/20 Pin SOIC's



**Variety of SMD Tip inserts to suit different components**



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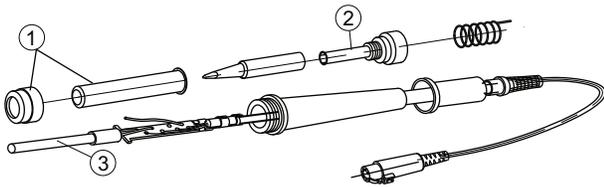
Warranty is 12 months from the date of invoice. It excludes all consumable parts as Heating Elements, Temperature Sensors, Soldering/Desoldering/Hot Air Tips, Cleaning Sponges, Cleaning Brass Wool and mechanically damaged parts.

While the information contained herein in, has been carefully compiled to the best of our knowledge, nothing is intended as representation and warranty on our part; and no statement shall be construed as recommendation to infringe any of existing patents. We accept no liability of whatsoever for any faults and errors in the information contained herein. Contents of this catalogue and specifications of the products, are subject to change without notice due to continuous improvements.

**Wide range of low cost Soldering Tips for different soldering applications**

Description	Diagram	Width A (mm)	Thickness B (mm)	Part Number
Chisel Tip		0.8	0.5	960-T-0.8D
		1.6	0.5	960-T-1.6D
		2.4	0.5	960-T-2.4D
		3.2	0.5	960-T-3.2D
		4.8	0.5	960-T-4.8D
Pointed Tip		R0.5	-	960-T-B
Sloped Tip		Ø3	-	960-T-3C
SMD Tip		5	2	960-T-K

**Assured availability, normally ex-stock, of Spare Parts for Soldering Pencil**



SN	Description	Remarks
1	Barrel & Nut Assembly	Whenever required
2	Heater Enclosure	Whenever required
3	Heating Element	Replace if display shows H-E/S-E

**Useful Tip Inserts for SMD Thermal Tweezer ITW50 for reworking of SMD Chips and SOICs**

P/N	Size (A)	Diagram	Shape	Applicable for
A1388	1.5mm			SMD Chips
A1380	8mm			8 Pin SO ICs
A1384	20mm			20 Pin SO ICs

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