

# Ultra-Fast Lead Free & SMD Soldering Station DSSLF04HESD-UF

Hi-quality Lead Free & SMD soldering inherently needs soldering at lower temperature which requires ultra-fast heat transfer type Soldering Station

Both SET & ACTUAL Temperatures are displayed digitally

Digitized Pushbuttons for precise temperature control

**LEAD**  
RoHS  
Compliant  
**FREE**

2 Frequently used Production Process Temperatures can be programmed & recalled

“ESD” Safe

Heavy Duty Cast Alloy Metallic Stable Stand

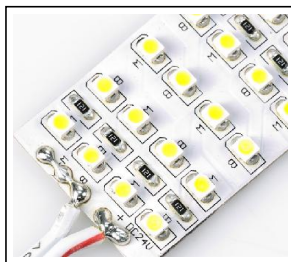
Dry type Tip Cleaner for Lead Free soldering

&

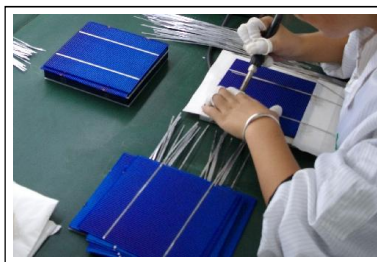
also Wet type Tip Cleaning Sponge

Main Power & Control Unit also has in mains powerline EMI & Surge Suppression Filter to suppress surges of mains power transients

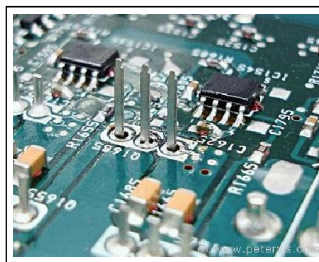
Soldering Pencil is designed for ultra-fast thermal recovery to provide Lead Free & SMD soldering at lower temperature



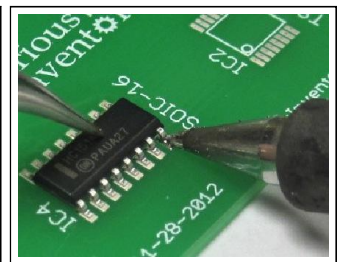
LED Soldering



Solar Cell Soldering



SMD Soldering



Lead Free Soldering

DSSLF04H-UF is an intelligent type Lead Free and SMD Soldering Station with ultra fast thermal recovery. The speed of heating and recovery of temperature is ultra fast. It is a perfect Soldering Station for Lead Free and ultra-fine SMD soldering jobs which require faster heat transfer as soldering must be done at lower temperature. This Soldering Station has blue LCD display to show SET and ACTUAL temperatures at same time. It has in-built digital temperature offset calibration provision to meet ISO 9000 requirements. This Soldering Station also has the feature to indicate fault as bad Heating Element or Temperature Sensor of Soldering Pencil.

## Specifications

- Power : 90 Watts, 230VAC
- Temperature Range : 100°C ~ 500°C
- Sleep Time (minutes) : 0~99 (programmable)
- Temperature Stability : ± 2% of final value
- Tip to Ground Potential : < 2 mV
- Tip to Ground Resistance : < 2 ohm

## Scope of Supply

- ESD Safe Main Power & Control Unit
- Soldering Pencil fitted with 2.4 mm Chisel Tip
- Combined Dry & Wet Tip Cleaner Support Rack
- 303-3C Sloped Soldering Tip 3mm
- 303-SK SMD Soldering Tip

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

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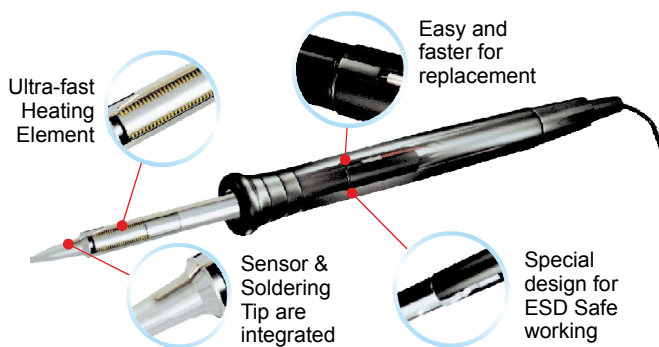
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## Wide range of Soldering Tips for Lead Free and SMD Soldering Applications

Description	Diagram	Width A (mm)	Thickness B (mm)	Model
Chisel Tip		0.8	0.5	303-0.8D
		1.6	0.5	303-1.6D
		2.4	0.5	303-2.4D
		3.2	0.5	303-3.2D
		4.2	0.5	303-4.2D
Pointed Tip		Ø 0.2	-	303-I
		Ø 0.5	-	303-B
		Ø 0.8	-	303-0.8B
		Ø 2.0	-	303-2B
Sloped Tip		Ø 0.8	-	303-0.8C
		Ø 1	-	303-1C
		Ø 2	-	303-2C
		Ø 3	-	303-3C
		Ø 4	-	303-4C
SMD Tip		3	1.5	303-SK
		4.6	-	303-K

## Ultra Fast Thermal Recovery in DSSLF04HESD-UF Soldering Station



Ultra-fast thermal recovery in DSSLF04HESD-UF Soldering Station is due to the fact that the Sensor and Soldering Tip are integrated together. This allows quicker sensing of temperature variations and results in faster recovering of the same

Sensor & tip are integrated



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