

## Low Cost High Production Workhorse Soldering Station Model DSS36

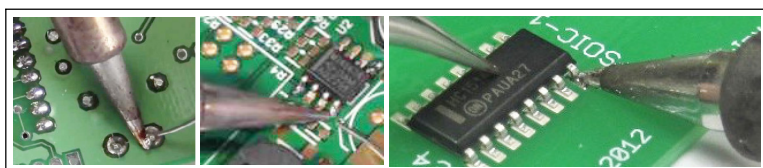
**INDE**  
reliable & caring since 1976

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

Few 1000's working reliably all over India in repeat...repeat orders with high quantity users. See partial user list enclosed here. Main Control/Display PCB does not fail which customers frequently face with light weight competitors' Soldering Stations. Much lower priced high quality Soldering Tips available with immediate delivery as we keep high quantity in stock.



[Click here to view Video](#)



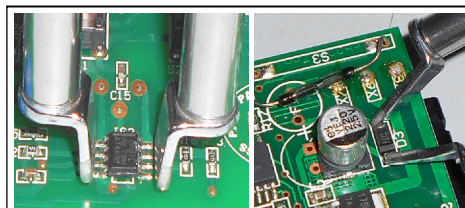
### Specifications

- Power : 90 Watts
- Input Supply : 230 VAC, 50 Hz
- Temperature Range : 80°C ~ 480°C
- Temperature Stability :  $\pm 2\%$  of final value
- Tip to Ground Potential : < 2mV
- Tip to Ground Resistance : < 2 Ohm

**Optional SMD Thermal Tweezer ITW50 can be connected with Controller for reworking of SMD Chip Capacitors, Chip Resistors, SOD Diodes, SOT Transistors and SOICs**

### Specifications

- Power : 50 Watt
- Input Supply : 220VAC, 50Hz
- Temperature Range : upto 480°C



#### 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.



Variety of SMD Tip inserts to suit different components



### LED Digital Display

Rugged 3-digit 7-segment LED display for SET and ACTUAL temperatures  
Displays actual temperature



### Password Protection

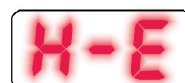
The Soldering Station has provision of password locking. After password locking, operator cannot change the programming parameters

### Temperature Offset for Calibration

The Soldering Station has in-built digital temperature offset provision during calibration to meet ISO9000 requirements. Customer does not need to open the unit and adjust the trim pots.

### Error Messages

The Soldering Station has self diagnostic feature. It displays the fault of the Soldering Pencil. If the display shows H-E, it means Heating Element is faulty. And if it shows S-E, it means Temperature Sensor is faulty.



### Scope of Supply

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


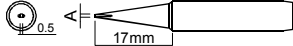

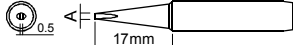







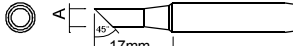

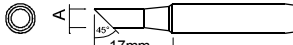









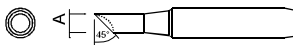
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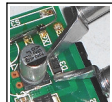



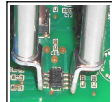




Warranty is 12 months from the date of invoice. It excludes all consumable parts as Heating Elements, Temperature Sensors, Soldering/Desoldering Tips, Cleaning Sponges etc.

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

## Wide range of Soldering Tips for different soldering applications

Description	Actual Picture	Dimensional Diagram	Width A (mm)	Part Number
Chisel Tip for leadfree soldering			0.8	960-T-0.8D
Chisel Tip for leadfree soldering			1.6	960-T-1.6D
Chisel Tip for leadfree soldering			2.4	960-T-2.4D
Chisel Tip for leadfree soldering			3.2	960-T-3.2D
Long Chisel Tip for leadfree soldering			1.2	960-T-1.2LD
Sloped Tip for Solar Panels			Ø3	960-T-3C
Sloped Tip for Solar Panels			Ø4	960-T-4C
Sloped Tip for Solar Panels			Ø5	960-T-5C
Round Tip for fine soldering			R0.5	960-T-I
Round Tip for fine soldering			R2.0	960-T-B
Knife Tip for SMD soldering			5.0	960-T-K
Tip for SMD Soldering			Ø3	960-T-3CM

## 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  

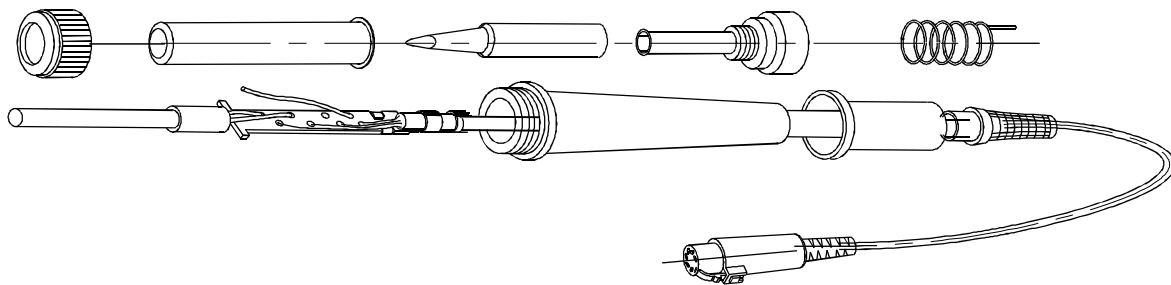
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**Assured availability, normally ex-stock, of Spare Parts for Soldering Pencil**



Description	Actual Picture	Remarks
DSP36 Soldering Pencil		Whenever required
Barrel & Nut Assembly		Whenever required
Heater Enclosure		Whenever required
Heating Element		Replace if display shows H-E/S-E
Cord with Connector		Whenever required
Connector Assembly		Whenever required

## Low Cost and popular Digital Calibration Meter for Soldering Stations

P/N: I191-AD

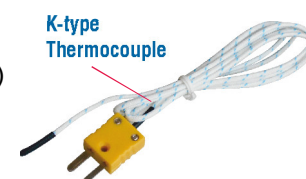
- Measures soldering tip temperature quickly
- Auto shut-off, MAX HOLD functions
- Both Celsius and Fahrenheit types readings possible.
- K-type & Star type thermocouples for surface and tip temperature measurement

### Specifications

- Resolution : 1°C (1°F)
- Measurement Range : 0~800°C (32~1500°F)
- Accuracy : ±5°C (±10°F)
- Sensor : K-type Thermocouple
- Battery Indication : Alarm
- Power Supply : 9 Volt DC Battery
- Dimensions/Weight : 147x35x85mm/250 grams (approx.)

### Scope of Supply

- Digital Calibration Meter
- K-type Thermocouple
- Star type Temperature Sensors set of 10 pcs



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## Partial User References (not complete list) of our DSS36 Soldering Station

SNo.	Customer's Name & City	Qty	SNo.	Customer's Name & City	Qty
1	509 Army Base Workshop, Agra	1	48	Blue Chip Electronics, Secunderabad	281
2	Aadd Technologies Pvt. Ltd.	4	49	Raja Rammana Center for Advanced Technology, Indore	1
3	Accel Systems, Pune	2	50	Bandesha Enterprises	1
4	Accelor Microsystem, Chandigarh	1	51	Cenzer Industriars Ltd., Mumbai	2
5	Ace Sales Corporation, Faridabad	5	52	Century LED Ltd., Howrah	61
6	Adarsha Workshop, Bangalore	1	53	Cetronics Technologies Pvt. Ltd., Trivandrum	1
7	ACD Communication Secunderabad	1	54	Chara Technologies, Chennai	1
8	ADC India Communications Ltd., Bangalore	2	55	Champion Trading Co., Panchmahal (Gujarat)	4
9	ADI Electronics Manufacturing Tech. Pvt. Ltd., Bangalore	8	56	Chloride Power Systems and Solutions Ltd., Kolkata	1
10	Adroit Control Engineers Pvt. Ltd., Faridabad	6	57	CLS Industries, New Delhi	12
11	Air Force Station, Kumbhigram, Assam	2	58	Continental Automotive Comp. (I) Pvt. Ltd., Bangalore	2
12	All India Radio and Television, Chennai	1	59	Coramondal Electronics, Chennai	4
13	Allengers Medical Systems Ltd., Derabassi	20	60	Crompton Trading Co., Bangalore	2
14	Allengers Global Healthcare Pvt. Ltd., Baddi	6	61	C&S Electric Ltd., Noida	21
15	Alpha Design Technologies Private Ltd., Bangalore	4	62	Cyber Communication	3
16	Alpha Electronics, Jaipur	2	63	Cygni Energy Pvt. Ltd., Hyderabad	2
17	Amarjit Singh, Jalandhar	1	64	Cyient DLM Pvt. Ltd., Mandya	20
18	Altoo Research Pvt. Ltd., Gurgaon	2	65	Cypress Semiconductor Technologies P. Ltd., Bangalore	5
19	Ammini Energy Systems Pvt. Ltd., Kerala	3	66	Data Care Systems Pvt. Ltd., Bangalore	5
20	Amanpreet Singh, Bareilly	3	67	Data Care Networks, Bangalore	2
21	Amrita Research Lab.	3	68	DCIO, Imphal	1
22	Amatra Digital Gadgets Pvt. Ltd., Bangalore	3	69	Deciblepro Pvt. Ltd., New Delhi	1
23	Anand Industrial Enterprises, Bangalore	46	70	Deepak Enterprises, Ferozpur	3
24	Anshul Enterprises	1	71	Department of Atomic Energy, Chennai	5
25	Andy Solar P Ltd., Panchkula	11	72	Defence Electronics Applications Lab., Dehradun	1
26	Anuvidyut Private Ltd., Roorkee	6	73	Defence Electronics Research Laboratory, Hyderabad	1
27	Apex Electronics, Secunderabad	2	74	Delta Systems	2
28	Apex Electronics, Solan	9	75	Dinesh Electronics, Coimbatore	1
29	Applied Technosystem, Gurgaon/Faridabad	4	76	Rotex, Vadodara thru Divine Techno Engineers	2
30	Aparajita Electronics	5	77	Matrix Telecom, Vadodara thru Divine Techno Engineers	10
31	Arcomm Tech Solutions Pvt. Ltd., Chennai	2	78	Divine Techno Engineers, Vadodara	36
32	Aristocrat Technology India Pvt. Ltd., Noida	2	79	Durga Communication	1
33	Army Base Workshop, Akhnoor	4	80	Dynalog India Ltd., Mumbai	2
34	Army Field Workshop, Amritsar	1	81	Dynamic Trading Co., Pathankot	1
35	Army Field Workshop, Manipur	1	82	Ecotech Industris Pvt. Ltd., Pithampur	1
36	Ascension Electronics, New Delhi	1	83	EEO Insta Power Pvt. Ltd., Alwar	19
37	Asquire Automation Systems, Faridabad	1	84	E6 Energy, Mohali	3
38	Avnet India Pvt. Ltd., Bangalore	1	85	Electrical Controls & Systems (Unit-II), Vadodara	26
39	Aya Singh, Chandigarh	1	86	Electronic Relays (India) Pvt. Ltd., Bangalore	31
40	Bagla Electricals and Electronics Pvt. Ltd., Aurangabad	1	87	Eltrac Technologies Pvt. Ltd., Bangalore	2
41	Balaji Sales, Indore	13	88	Embedded Controls, Mohali	16
42	Beas Hospital, Beas	2	89	EME Workshop, Delhi Cantt	1
43	BG-LI-IN, Aurangabad	2	90	EME Workshop, Meerut	3
44	BG Tronics, Hyderabad	1	91	EME Workshop Tumulpur Assam	1
45	Bharat Electronics Ltd., Bangalore	1	92	Emmvee Photovoltaic Power Pvt.Ltd., Bangalore	4
46	BioGenex Lift Sciences Pvt. Ltd., Hyderabad	1	93	EON Electric Ltd., Haridwar	10
47	Bits N Bytes Soft Private Limited, Gurgaon	4	94	Epcos India Private Limited, Nashik	104

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95	E Power Technologies Pvt. Ltd., Bangalore	1	142	Indian Institute of Science, Bangalore	1
96	Ess Dee Industries, Aurangabad	3	143	Indian Institute of Science Education & Research, Mohali	1
97	ESS ESS Enterprises, Fazilka	3	144	Indian Institute of Technology, Chennai	29
98	ETOE Interconnections Pvt. Ltd., Bangalore	6	145	Indian Institute of Technology, Kanpur	1
99	Excel Autocomp Industries Pvt. Ltd., Chakan	1	146	Indian Institute of Technology, Roorkee	2
100	Excel-Par Electronics Pvt. Ltd., Mysore	2	147	Icomm Tele Ltd., Hyderabad	1
101	Ever Electronics Pvt. Ltd., Pune	10	148	IND Micro Devices, Kolkata	4
102	Evitha, Bangalore	2	149	India Metalman Software Pvt. Ltd., Chennai	1
103	Filatech Enterprises Pvt. Ltd., Gurgaon	3	150	Indian Institute of Technology, Varanasi	1
104	Finlabs Audio (P) Ltd., Mohali	2	151	Innovative Solution, Chennai	1
105	Flin Technology Pvt. Ltd., Mumbai	1	152	Instruments Research Associates Pvt. Ltd., Bangalore	6
106	Garden Reach Shipbuilders & Engineers Ltd., Kolkata	6	153	JSN Solutions, Gandhinagar	1
107	Gautam Solar Pvt. Ltd.	16	154	Jassi Electronics	1
108	Genus Innovation Limited, Haridwar	6	155	JST Enterprises, Chennai	5
109	Genus Power Infrastructures Ltd., Haridwar	139	156	JV Enterprises, Bangalore	2
110	Genus Power Infrastructures Ltd., Guwahati	19	157	Jyoti Electrocom, Kolkata	1
111	Genus Power Infrastructures Ltd., Jaipur	30	158	KC Electro Lab	1
112	Gilbarco Veeder Root India Pvt. Ltd., Coimbatore	1	159	Kaizan Switchgear Products, Vadodara	2
113	Global Electronics Solution Pvt. Ltd., Bangalore	2	160	Kalika Electricals & Electronics, Delhi	1
114	GM Solar Power, Bangalore	25	161	Kaynes Interconnection Systems (I) Pvt. Ltd., Bangalore	50
115	Girimaji Equipment, Bangalore	1	162	Kaynes Technologies India Pvt. Ltd., Mumbai	11
116	Gobind Electronic Controls, Ludhiana	1	163	Koti Systems, Bangalore	2
117	Goodrich Aerospace Services Pvt. Ltd., Bangalore	5	164	Konark Industria Pvt. Ltd., Bangalore	1
118	Green Brilliance Energy Pvt. Ltd., Vadodara	5	165	Krishna Traders, Amritsar	1
119	GreenPole Power Solutions, Bangalore	1	166	Army Workshop Patiala thru Lalit Gases, Patiala	1
120	Goyal Enterprises, Chandigarh	1	167	Lalit Kumar Jain, Agra	1
121	Gupta Mobile Shop, Ludhiana	1	168	Landis Gyr Ltd., Kolkata	9
122	Halonix Technologies Pvt. Ltd., Haridwar	2	169	Larsen & Toubro Ltd., Mysore	78
123	Hanuman Electronic Components Pvt. Ltd., Mumbai	1	170	Lifetex Medical Systems (P) Ltd., Mysore	1
124	Harness Overseas Pvt. Ltd., Mohali	1	171	Lineage Power (I) Pvt. Ltd., Bangalore	39
125	HCL Technologies Ltd., Chennai	4	172	Lansar Business Solutions, Surat	1
126	HD Medical Services (India) Pvt. Ltd., Bangalore	1	173	Lapp India Pvt. Ltd., Bangalore	1
127	Highline Engineers, Visakhapatnam	4	174	Luminous Power Technologies Pvt. Ltd., Baddi	75
128	Himachal Energy Private Ltd., Solan	44	175	Luminous Power Technologies Pvt. Ltd., Gagret	30
129	Himalyan Auto, Guwahati	2	176	Lapp India Pvt. Ltd., Bangalore	1
130	Hind Rectifiers Ltd., Mumbai	7	177	Mag Power, Pune	2
131	Hindustan Aeronautics Ltd., Bangalore	3	178	Margen Impex Ltd., Gujarat	1+3
132	Hindustan Aeronautics Ltd., Hyderabad	2	179	Mascot Marketing, Ahmedabad	1
133	Hindustan Aeronautics Ltd., Korwa	56	180	Melange Systems Private Ltd.-Bangalore	1
134	Hi-Rel Tech Private Ltd., Husur	1	181	Master Control Facility, Hasan	7
135	Honeywell Technology Solutions Lab Pvt. Ltd., Bangalore	2	182	Methode Electronics India Pvt. Ltd., Bangalore	3
136	HPL Electric & Power Pvt. Ltd., Sonapat	55	183	Mettwa Electricals & Appliances Pvt. Ltd., Delhi	2
137	H Ratilal & Co., Mumbai	4	184	Micronics, Hyderabad	5
138	Icomm Tele Ltd., Hyderabad	2	185	Micro Technologies, Mysore	1
139	IE Power Technologies Pvt. Ltd., Bangalore	2	186	Mikado Electronics, Kolkata	8
140	Imagin Technology, Bangalore	4	187	Mikronix Gauges Pvt. Ltd., Aurangabad	1
141	Incredible Advance Technologies Pvt. Ltd., Hyderabad	2	188	Mitsuba Sical India Ltd., Chennai	1

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189	Maxeye Technologies Private Limited, Bangalore	1	236	PT Communications Systems Pvt. Ltd., Delhi	3
190	Melange Systems Pvt. Ltd., Bangalore	2	237	PVR Controls, Mumbai	8
191	Modern Hi-Tech Systems, Chandigarh	1	238	Quntum Power Systems	2
192	Modi International, Guwahati	1	239	Rahul Vijayaraghavan, Bangalore	1
193	Molex India Pvt. Ltd., Bangalore	12	240	Rainbow Denim Limited, Lalru	1
194	Monolithic Power Systems, Bangalore	1	241	Mazagaon Dock Ltd., Mumbai	10
195	Moser Baer India Limited, Noida	7	242	Bhabha Atomic Research Center, Mumbai	9
196	Motherson Sumi Systems Ltd., Faridabad	1	243	Raja Ramanna Centre for Advance Technology, Indore	2
197	Motherson Sumi Systems Ltd., Noida	2	244	Rajshree Electro-Systems, Thane	15
198	Mr. Karan Sekhri, Jammu	2	245	R K Enterprises, Bangalore	1
199	MRM Procom Pvt. Ltd., Faridabad	5	246	Ramtel Solution, New Delhi	5
200	Multilink, Mysore	5	247	Rangsons Electronics Pvt. Ltd., Mysore	24
201	Multitech, Pathankot	2	248	ReNew Services Pvt. Ltd., Bhopal	2
202	Army Workshop Jammu	7	249	RenewSys India Pvt. Ltd., Hyderabad	1
203	Mr. Prasanth Nair, Nellore	1	250	Rensyn Green Energy Private Limited, Udaipur	1
204	Mr. Venkat, Bangalore	2	251	Revon Computer, Chandigarh	1
205	Mr. Vikas, Chandigarh	2	252	RK Fabricators, Bangalore	1
206	MRO-TEK Limited, Bangalore	3	253	Rise Appliances Pvt. Ltd. Noida	5
207	Multilink, Mysore	7	254	Rishab Industries, Goa	1
208	Nahar Industrial Enterprises Ltd., Lalru	2	255	Rishi Spinning Pvt. Ltd., Chennai	1
209	Northsun Solar Corporation, Mohali	1	256	RIZZIN Technology Pvt. Ltd., Bangalore	3
210	Next Generation Systems	2	257	Robert Bosch Engg. & Business Solutions, Bangalore	1
211	NTEX Marketing	1	258	R.R. Engineering & Consultants, Bilaspur	1
212	Nucon Aerospace Pvt. Ltd., Hyderabad	1	259	Rudra Microwave Products, Hyderabad	4
213	Nutronix Corporation, Ahmedabad	11	260	Saalfotech Pvt. Ltd., Mysore	13
214	O/E/N India Ltd., Ernakulam	1	261	Salzer Electronics Ltd., Coimbatore	5
215	Om Agencies, Kanpur	1	262	Sambe Electronics Pvt. Ltd., Nashik	42
216	Orange Sorting Machines India Pvt. Ltd., Coimbatore	1	263	Saatvik Green Energy Pvt. Ltd., Ambala	26
217	Orbit Tele Systems, Amritsar	1	264	Sangeeta Electronics, Chandigarh	1
218	Panacea Medical Technologies Pvt. Ltd., Karnatka	1	265	Saugata Ghosh, Kolkata	3
219	Paras Wires Private Ltd., Bangalore	2	266	Sankalpa Lighting Solution LP, Secunderabad	5
220	Pavan Supply Corporation, Assam	24	267	Sanghwal Sales Corp., Pathankot	3
221	Pearl Electronics and Power System, Roorkee	1	268	Saurer Textile Solutions Pvt. Ltd., Ahmedabad	13
222	Peninsula Electronics, Bangalore	14	269	Saurer Textile Solutions Private Limited, Mohali	8
223	Perto India Pvt. Ltd., Jaipur	10	270	Saurer Textile Solutions Pvt. Ltd., Coimbatore	10
224	Phoenix Contact India Pvt. Ltd., Palwal	2	271	SBOA School & Junior College, Tamil Nadu	1
225	Powermate Devices, Pune	4	272	Schneider Electric India Pvt. Ltd., Bangalore	1
226	Power & Controls, Kolkata	2	273	Secure Meters Ltd., Udaipur	1
227	Prasad Sales & Marketinig, Rajathan	1	274	Sedemec Machatronics Pvt. Ltd., Pune	31
228	PRADEEP KUMAR, Ludhiana	3	275	SGS Tekniiks Manufacturing Pvt. Ltd., Manesar	1
229	Premier Electronics	1	276	Shapetronics Services Pvt. Ltd., Mysore	2
230	Prince Switchgear, Ankleshwar	1	277	Shalin Anand SLD, Chandigarh	1
231	P. S. Computers, Pathankot	1	278	Shree Pooja Industries, Mumbai	1
232	Pulse Engineering, Mohali	1	279	Shree Raghavendra Technical Services Ltd., Ahmedabad	1
233	Pushwinder Singh	1	280	Shreesai Enterprises, Palghar Maharashtra	15
234	Probus Smart Things Pvt. Ltd., New Delhi	4	281	Shree Pactronix Ltd., Pathampur	1
235	Proteck Machinery Pvt. Ltd., Chennai	2	282	Shri Balaji Enterprises, Ferozpur	1

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284	Shiv Nadar University, Noida	5	331	Versabyte Data Systems Pvt. Ltd., Bangalore	8
285	Shiv Sales, Zirakpur	1	332	V-Guard Industries Limited, Cochin	4
286	Shree Pacetronic Ltd., Pithampur	2	333	V-Guard Industries Limited, Coimbatore	1
287	Silk Fabric and Fashions, Salem	1	334	Vidya Academy of Sci. & Tech., Thiruvananthapuram	6
288	Shylendra Electronics, Bangalore	1	335	Vikas Instruments, Kolkata	15
289	SIET Transformers Pvt.Ltd.,	2	336	Victor Services Media Shop, Jalandhar	1
290	Siricom Techonologies Pvt. Ltd., Bangalore	1	337	Vinyas Innovative Technologies Pvt. Ltd., Mysore	45
291	Skanray Technologies Pvt. Ltd., Bangalore	3	338	Volvo India Pvt. Ltd., Bangalore	1
292	SNA Power Engg. Pvt. Ltd., Chandigarh	1	339	Vyoda Pvt. Ltd., Mysore	2
293	SNS Industries, Bangalore	4	340	Walnut Medical Pvt. Ltd., Ambala	6
294	Society for Integrated Circuit Technology, Bangalore	1	341	Wylie Indicators Limited, Ghaziabad	2
295	Solana Solar Power, Bangalore	10	342	Yokogawa India Ltd., Bangalore	2
296	Sonodyne International Pvt. Ltd., Mumbai	13	343	Zonje Solar LLP, Bangalore	15
297	Air Force Station Chandigarh	6	344	Zreyas Technology Private Limited, Kolkata	4
298	Solid State Physics Lab, Delhi	1			
299	SFO Technologies Pvt. Ltd., Cochin	3			
300	Solphin India Pvt. Ltd., Faridabad	1			
301	SPM Systems, Gandhinagar	1			
302	S.S Global Solutions	5			
303	SS Technologies, Mysore	1			
304	Standard Loadcells, Vadodara	2			
305	Suman Electronics, Thane	21			
306	Sumukha Solutions, Bangalore	1			
307	Surinder Kumar, Chandigarh	1			
308	Swiss Elmech Private Limited, New Delhi	7			
309	Synergy Enterprises, Chandigarh	2			
310	Syscon Instrumrnts Pvt. Ltd., Bangalore	1			
311	Tata Consultancy Limited, Bangalore	1			
312	Tata Elxi Ltd., Bangalore	1			
313	Technilab Instruments, Bangalore	5			
314	Teknix Electronics, Calicut	1			
315	Tescom, Bangalore	68			
316	Tessolve Semiconductor Pvt. Ltd., Bangalore	2			
317	The Motwane Manufacturing Co. Pvt. Ltd., Nashik	3			
318	Titan Company Ltd., Bangalore	1			
319	Transducers & Allied Products, Bangalore	2			
320	Triphase Technologies Pvt. Ltd., Parwanoo	14			
321	Trylo Industries, Surendranagar	1			
322	TSI Elecpower Pvt. Ltd., Vadodara	2			
323	TVS Training and Services Ltd., Chennai	6			
324	Tycon Innovations Technology, Mysore	4			
325	Tymtix Technologies Pvt. Ltd., Bangalore	1			
326	Unique Communication & Traders, Arunachal Pradesh	5			
327	Universal Traders, Zirakpur	1			
328	University & Institute of Advanced Research Gandhinagar	10			
329	U R Rao Satellite Centre, Bangalore	1			

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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 Tips, Cleaning Sponges etc.

Very lightweight Soldering Pencil & easy-to-replace Plug-in type Heating Element

**SINGLE Soldering Station for Lead Free, Fine Pitch SMD Chips, Solar Panel and Hi-power automotive & other components**

[Click here to view Video](#)

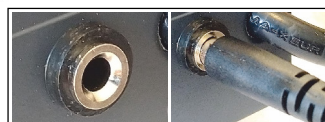


Integrated single piece Tip & Barrel fully encase Metallic Heating Element. This uniqueness results in high heat energy storage for faster heat transfer

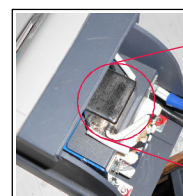


## Salient Features

- Power/Control unit has in-built following features:
  - Password protection
  - In-built temperature calibration
  - Sleep Timer for longer life
  - Error message indication
  - One touch temperature recalling
- Similar European Soldering Stations are 3 times costlier
- Reliable heating element does not require frequent changing
- Low running cost due to low priced/long life soldering tips
- Every spare part is available ex-stock to minimize down time.

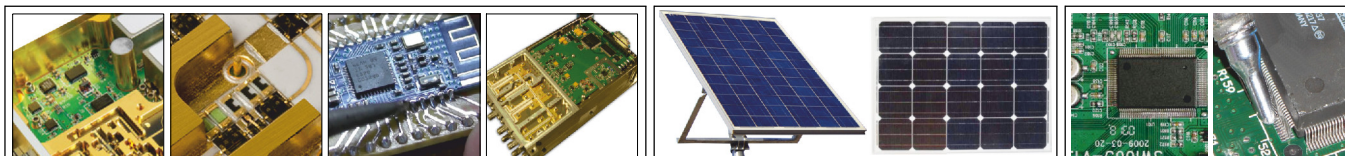


Socket to connect the grounding wire to meet the ESD requirements is provided at the back side



Main Power & Control Unit also has EMI & Surge Suppression Filter to suppress transients of mains power line.

**Multiple soldering applications with SINGLE 120 Watt Soldering Station is suitable for highly reliable Aerospace soldering, SMD ICs, Solar Cells and High Mass soldering jobs**



Aerospace high reliability soldering on Ceramic substrates    Monocrystalline PV Solar Panel soldering    Hi-end Leadfree Soldering

Model DSSLF120 is a **Value-For-Money (VFM)** Soldering Station with intelligent features as supervisor can program two most commonly used production process temperatures for instant recalling during operation. He can also lock limits of temperature range (i.e if he sets mode 01 or 11 for upper temperature limit of 400°C, operator cannot solder beyond that temperature). It displays both SET temperature and ACTUAL temperatures simultaneously. It also has in-built digital temperature offset calibration feature to meet ISO 9000 requirements. Unique integrated design of Soldering Tip, Barrel and complete encasing of Metallic Heating Element, provides reliable soldering joints with higher production rate.

## Specifications

- Power : 120 Watts
- Temperature Range : 100°C ~ 500°C
- Temperature Stability :  $\pm 2\%$  of final value
- Tip to Ground Potential : < 2 mV
- Tip to Ground Resistance : < 2 ohm

## Features

- It has a password locking function
- Push-button control with an auto-sleep function
- Various types of long life Soldering Tips available

## Scope of Supply

- ESD Safe Main Power & Control Unit
- ESD Safe light weight Soldering Pencil fitted with 200G-2.4D Chisel 2.4mm Soldering Tip
- Combined Dry & Wet Tip Cleaner Support Rack

- Lightweight and comfortable for fatigue-free working
- Real and fully electrostatic safe ESD design
- in-built calibration feature to meet ISO requirements

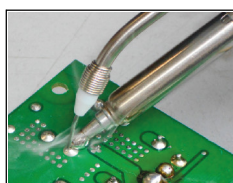
Warranty is 12 months from the date of invoice. It excludes all consumable parts as Heating Elements, Temperature Sensors, Soldering Tips, Cleaning Sponges, Cleaning Brass Wool and mechanically damaged parts. While the information contained herein in, has been carefully compiled to the best of our knowledge, 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.

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## Very lightweight Soldering Pencil & easy-to-replace Plug-in type Heating Element

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



Solder Feeder and attachment for Soldering Pencil

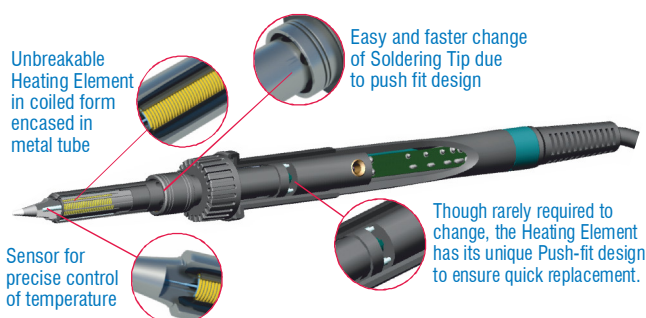
Standard type is for 0.8mm dia Solder Wire.

Also available for 1.0/1.2/1.6/1.8/2.0 mm

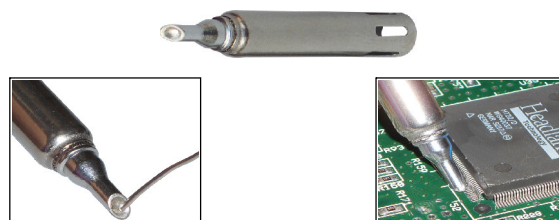
Today's highly competitive environment, always demand high possible productivity of each operators as well saving every paisa.

For such demanding requirements, the optionally available Auto Solder Feeder Model SFS81 with Digital Soldering Station DSSLF120 is the right choice. Besides increasing productivity of operator, it also provides consistent quality for each solder joint as same amount of solder wire with pre-programmed feeding is applied.

## Unbreakable, far longer life & lower priced Heating Element of Soldering Pencil

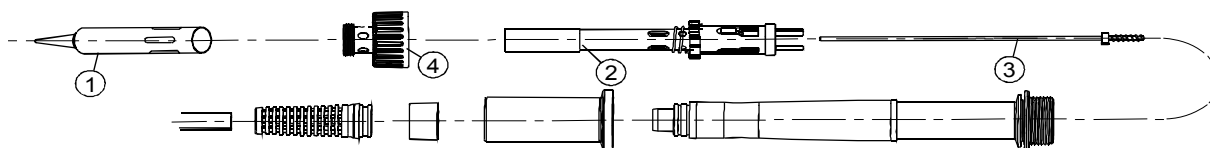


## Unique Soldering Tip for soldering ultra-fine pitch large size SMD ICs



Specially designed 200G-CM SMD Soldering Tip has concave cavity to hold molten solder. It helps to solder one side of large size SMD IC completely in a single run by dragging Soldering Tip on all PCB pads smoothly to ensure bridge-less soldering

## Assured availability (normally ex-stock) of Spare Parts for Soldering Pencil




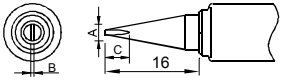

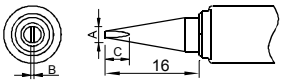

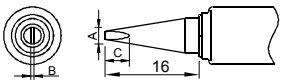

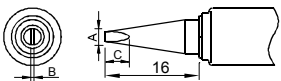

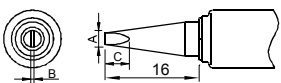

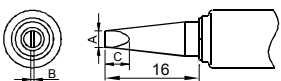

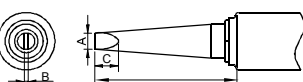

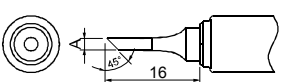

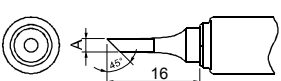

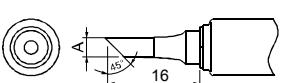

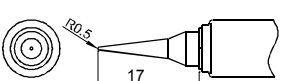

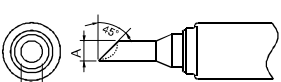
Description	Actual Picture	Remarks
DSPLF04A Soldering Pencil		Whenever required
② Heating Element		Replace if display shows H-E
③ Temperature Sensor		Replace if display shows S-E
④ Heater Enclosure		Whenever required
Cord with Connector		Whenever required

Warranty is 12 months from the date of invoice. It excludes all consumable parts as Heating Elements, Temperature Sensors, Soldering 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.

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## Very lightweight Soldering Pencil & easy-to-replace Plug-in type Heating Element

Wide range of Soldering Tips are available for different soldering applications

Description	Actual Picture	Dimensional Diagram	Width A (mm)	Part Number
Chisel Tip for leadfree soldering			0.8	200G-0.8D
Chisel Tip for leadfree soldering			1.2	200G-1.2D
Chisel Tip for leadfree soldering			1.6	200G-1.6D
Chisel Tip for leadfree soldering			2.4	200G-2.4D
Chisel Tip for leadfree soldering			3.2	200G-3.2D
Chisel Tip for heavy mass soldering			4.2	200G-4.2D
Long Chisel Tip for heavy mass soldering			5.0	200G-5LD
Sloped Tip for Solar Panels			Ø3	200G-3C
Sloped Tip for Solar Panels			Ø4	200G-4C
Sloped Tip for Solar Panels			Ø5	200G-5C
Round Tip for Fine Soldering			Ø0.5	200G-B
Tip for SMD Soldering			2	200G-2CM

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Sl. No.	Customer's Name & City	Qty
1	ADI Electronics Manufacturing Tech Pvt. Ltd., Bangalore	6
2	Astra Microwave Products Ltd., RR Distt.	10
3	Blue Chip Electronics, Secunderabad	7
4	Greenfuel Energy Solutions Pvt. Ltd., Gurgaon	7
5	Hero Motocorp Ltd.,Jaipur	3
6	Hi-Rel Tech Pvt. Ltd., Hosur	1
7	Icon Power Solutions (P) Ltd., Gurgaon	1
8	Mersen India Pvt. Ltd., Bangalore	1
9	Nutec Urethane,Bangalore	1
10	Salzer Electronics Ltd. ,Coimbtour	2
11	Sark Telecom,New Delhi	1
12	Sasmos HET Technologies Pvt. Ltd., Bangalore	11
13	Saurer Textile Solutions Private Limited, Mohali	1
14	Saurer Textile Solutions Pvt. Ltd, Ahmedabad	1
15	Sealed Energy Systems, Ambala Cantt	4
16	Secure Meters Limited, Udaipur	10
17	Skanray Technologies Pvt. Ltd.,Mysore	1
18	Syrma Technology Pvt. Ltd., Barpur, Krishnagiri	40
19	Syrma Technology Pvt. Ltd., Bawal	5
20	Syrma Technology Pvt. Ltd.,Chennai	282
21	Tessolve Semiconductor Pvt. Ltd., Bangalore	5
22	United Telecom Limited., Bangalore	6
23	Wings Automobile Products Pvt. Ltd.,Faridabad	22

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## Hi-Power 150 Watt Digital Soldering Station Model DSSH03G

**INDE**  
reliable & caring since 1976

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

**150 Watt high power for heavy soldering applications, affordably priced for production line use**

Micro-controller based Control Unit with close loop precise PID temperature control

Digital display of temperatures

Pushbuttons for precise temperature control

Heavy Duty Wobble-free Holder for Soldering Pencil

Metal Wool Dry Cleaner

Light Weight 150 Watt Soldering Pencil

Plug-in type Heating Element for easy change-over



[Click here to view Video](#)

Our 150 Watt Soldering Station DSSH03G is far ..... far reliable (Heating Element life and Circuit Board) than available in market at lower price but of low quality. Many customers later replaced low cost, low quality types with our Model DSSH03G Soldering Station



Power Capacitors soldering



Solar Panels & Cells reliable soldering



High Mass Automotive Components soldering



Model DSSH03G Soldering Station is best value-for-money in place of investing in 3~4 Soldering Stations as this one single Soldering Station is adequate to achieve similar production rate because of its faster thermal recovery and higher heat power. Additionally it has higher temperature range upto 500°C to do heavy mass type soldering jobs. Other features are: In-built Temperature Off-Set for Digital Calibration to meet ISO requirements, in-built function of Auto-Sleep and Auto Shut-Off which get activated automatically. Upto 16 mm wide Chisel type Soldering Tips are available. Supervisor can lock the optimum process temperature so operator cannot change.

### Specifications

- Power Consumption : 150 Watt, 220V/50Hz
- Temperature Range : 50°C ~ 600°C
- Temperature Stability :  $\pm 2\%$  of final value
- Tip to Ground Resistance :  $< 2\Omega$
- Tip to Ground Potential :  $< 2\text{mV}$
- Dimensions(LxWxH) : 200 x 130 x 100mm

### Scope of Supply

- DSSH03G Power & Control Unit
- DSP03G Soldering Pencil
- Soldering Tip
- Heavy Duty Support Rack
- Cleaning Sponge




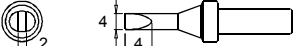



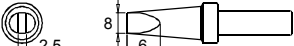

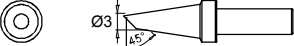



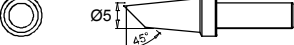

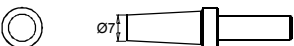
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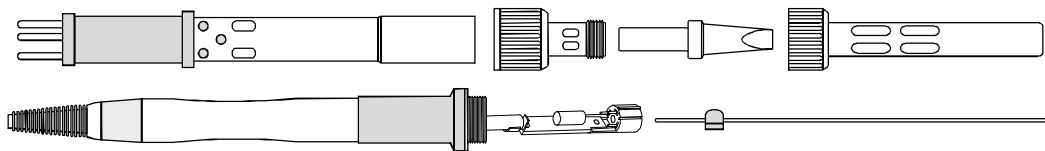








Custom designed Soldering Tips can be also made on special request with MOQ.

**Wide range of Soldering Tips for normal to heavy mass soldering are available.**

Description	Actual Photo	Dimensional Diagram	Width (mm)	Thick (mm)	Model
Chisel Tip for Leadfree soldering			3.5	2.0	500-3.5D
Chisel Tip for Film Capacitors			4.0	2.0	500-4D-03
Chisel Tip for Film Capacitors			5.0	2.5	500-5D
Chisel Tip for Film Capacitors			8	2.5	500-8D
Sloped Tip for Solar			Ø3	-	500-3C
Sloped Tip for Solar			Ø4	-	500-4C
Sloped Tip			Ø5	-	500-5C
Round Tip for Solar			Ø7	-	500-7P-1

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



Description	Actual Picture	Remarks
DSP03G Soldering Pencil		Whenever required
Barrel & Nut Assembly		Whenever required
Heater Enclosure		Whenever required
Heating Element		Replace if display shows H-E
Temperature Sensor		Replace if display shows S-E
Cord with Connector		Whenever required

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SNo.	Customer's Name & City	Qty	SNo.	Customer's Name & City	Qty
1	ABB Limited, Bangalore	3	36	Genus Power Infrastructures Ltd., Guwahati	2
2	ACE Antenna India Pvt. Ltd., Kanchipuram	5	37	Genus Power Infrastructures Ltd., Jaipur	3
3	ADI Electronics Manufacturing	4	38	Genus Power Infrastructure Ltd., Haridwar	22
4	Aimtron Electronics Pvt. Ltd, Vadodara	2	39	Gilard Electronics Private Limited, Mohali	1
5	Akal Industion, Phagwara	1	40	Govindsons Intelligent Equipment Co., Ltd., Nashik	2
6	Alligator Designs Pvt. Ltd., Bangalore	1	41	Green Brilliance Renewable Energy LLP, Vadodara	6
7	Amphenol Interconnet India Pvt. Ltd., Bangalore	1	42	Harness Overseas Private Limited, Mohali	2
8	Avant Computer Technologies Systems, Mumbai	1	43	HPL Electric & Power Limited, Sonapat	4
9	Bagla Electricals and Electronics Pvt. Ltd., Aurangabad	2	44	HTL Limited, Chennai	3
10	Bharat Electronics Ltd., Pune	6	45	Icon Power Solutions (P) Ltd., Gurgaon	1
11	Bharat Electronics Ltd., Hyderabad	2	46	I-Workz Automotive Pvt. Ltd., Bangalore	2
12	Bharat Dynamics Ltd., Hyderabad	6	47	India Nippon Electricals Ltd., Hosure	26
13	Bharati Electricals (Unit-II) Vadodara	2	48	Inductotherm (India) Pvt. Ltd., Ahmedabad	7
14	Balaji sales	3	49	Institute of Plasma Research, Gandhinagar	2
15	BG-LI-IN Electricals Limited, Aurangabad	10	50	Jaicom, Delhi	1
16	Bharat Products, New Delhi	1	51	Jaivic Electromech Engg. Pvt. Ltd., Nashik	1
17	Blue Chip Electronics, Secunderabad	8	52	Jay Switches India Pvt. Ltd., Gurgaon	4
18	Century LED Limited, Hawrah	14	53	Johnson Lifts Private Limited, Chennai	2
19	Chef Solutions, New Delhi	5	54	Jyotitech Solar LLP, Mumbai	9
20	Chinar Enterprises, New Delhi	1	55	K-Three Appliance, Baddi	1
21	Continental Automotive Components (I) Pvt. Ltd., Pune	3	56	Kaizan Switchgear Products, Vadodara	2
22	Cygni Energy Private Limited, Hyderabad	1	57	Koti Systems, Bangalore	13
23	Defence Electronics Applications Lab., Dehradun	1	58	Landis + Gyr Ltd., Solan	7
24	Denso India Pvt. Ltd., Noida	7	59	Landis + Gyr. Ltd., Kolkata	1
25	Department of Automic Energy	1	60	Larsen & Toubro Ltd., Mysore	1
26	EFD Induction Private Limited, Bangalore	1	61	Larsen & Turbro Ltd., Mumbai	1
27	Electrical Controls & Systems (Unit-II, Vadodara	3	62	Live Braille Wearable Solutions Pvt. Ltd., Chandigarh	1
28	Electronics Corp. Of India Ltd., Hyderabad	4	63	Lovely Electronics, Sahnewal, Ludhiana	1
29	Emitec Emission Control Technology )I) Ltd., Pune	2	64	Lucas TVS Ltd., Chennai	7
30	EOS Power India Pvt. Ltd., Mumbai	2	65	Lucas TVS Ltd., Pantnagar	2
31	Epcos India Private Limited, Bawal	27	66	Lucas TVS Ltd., Pondicherry	8
32	Epcos India Private Limited, Nashik	65	67	Marathon Electric India (P) Ltd., Faridabad	3
33	Excel-Par Electronics Private Limited, Mysore	1	68	Mersen India Pvt. Ltd., Bangalore	3
34	Fiber Optic Telecom Solutions, Secunderabad	6	69	Methode Electronics India Pvt. Ltd., Bangalore	1
35	Finlabs Audio (P) Ltd., Mohali	2	70	Multitech, Pathankot	2

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SNo.	Customer's Name & City	Qty	SNo.	Customer's Name & City	Qty
71	Mundra Solar Pvt. Ltd., Mundra (Kutch)	95	106	Tata Motors Ltd., Ahmedabad	1
72	National Aluminium Company Ltd., Angul (Odisha)	2	107	Tata Power Solar Systems Ltd., Bangalore	25
73	New Jonaki Electronics ,Tripura	1	108	TDK India Private Limited, Nashik	91
74	Novateur Electrical & Digital Systems Pvt. Ltd., Nashik	2	109	Techno Electromech Pvt. Ltd., Vadodara	2
75	Orange Sorting Machines (P) Ltd., Coimbatore	1	110	Telmar Network Technology, Gurgaon	1
76	Parkinson-San Systems Pvt. Ltd., Bangalore	4	111	Transcon Interconnections Systems Pvt. Ltd., Bangalore	5
77	Powermate Devices, Pune	3	112	Usha Enterprises, Panchkula (for Essel Propack, Nalagarh)	5
78	Picanol India Pvt. Ltd., Delhi	1	113	Versabyte Data Systems Pvt. Ltd., Bangalore	1
79	Pulse E Technologies Pvt. Ltd. Gurgaon	1	114	Vikram Sarabhai Space Centre, Thiruvanthapuram	1
80	P.V. Power Technologies Pvt. Ltd., Thane	4	115	Viz Technologies Pvt. Lt., Hyderabad	7
81	Rajshree Electro Systems, Thane	10	116	Wings Automobile Products Pvt. Ltd., Faridabad	12
82	Rangsons Electronics Pvt. Ltd., Mysore	14	117	Yash Capacitors Pvt. Ltd., Nashik	18
83	Research Centre IMARAT, Hyderabad	1	118	Yash Enterprises, Pune	3
84	Rewnewsys Indian Pvt. Ltd., Hyderabad	32			
85	Saint Gobain Glass India Ltd., Kanchipuram	1			
86	Sasmos HET Technologies Pvt. Ltd., Bangalore	2			
87	SATTVAeTECH India Pvt. Ltd., Bangalore	1			
88	Saatvik Green Energy Pvt. Ltd., Ambala	10			
89	Sasmos HET Technologies Pvt. Ltd., Bangalore	2			
90	Schneider Electric India Pvt. Ltd., Bangalore	3			
91	Secure Meters Ltd., Udaipur	12			
92	Secure Meters Ltd., Sanand Ahmedabad	18			
93	SGS Teknicks Manufacturing Pvt. Ltd., Manesar	2			
94	Sieko-Maraica Electrical Mfg. India Pvt. Ltd., Chennai	2			
95	Sigma Pi Power Pvt. Ltd., Chennai	1			
96	Sona Electricals, Bhopal	4			
97	Sona Koyo Steering Systems Ltd., Gurgaon	5			
98	Southern Sensors, Chennai	1			
99	Spot Trading Co., Delhi	1			
100	Sumitron Exports Pvt. Ltd., Delhi	10			
101	Sun Electromec Industries, Bangalore	1			
102	Swelect Energy Systems Ltd., Bangalore	6			
103	Synergy Enterprises, Chandigarh	26			
104	Synthetic Moulders Ltd., Baddi	1			
105	T.B.R.L.,Chandigarh	1			

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

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## Very High Power 320 Watt Soldering Station for very heavy mass soldering applications

### Specifications

- Power : 320 Watts
- Input Supply : 220VAC, 50Hz
- Temperature Range : 50°C ~ 600°C
- Temperature Stability :  $\pm 2\%$  of final value
- Tip to Ground Resistance :  $< 2 \text{ Ohm}$
- Tip to Ground Potential :  $< 2\text{mV}$

### Scope of Supply

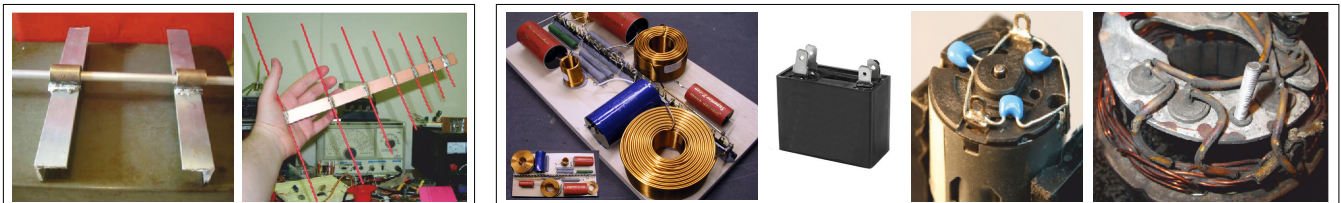
- Power & Control Unit
- Soldering Pencil
- Soldering Tip 8 mm Chisel
- Heavy Duty Support Rack
- Cleaning Sponge

### Features

- Precise temperature settings by pressing push buttons
- In-built temperature offset provision for digital calibration
- In-built programming functions of auto sleep and shut-off
- Supervisor can lock optimized process temperature
- 6~12 mm wide Soldering Tips for different applications



Few examples of Automotive Components, Power Capacitors and Large Coils soldering applications


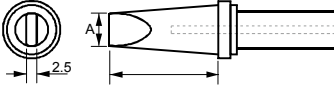

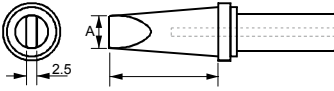


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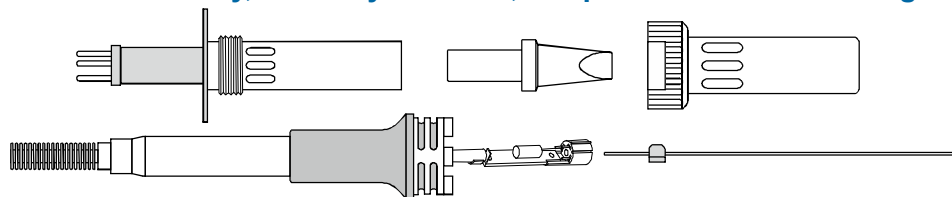
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Wide range of Soldering Tips for very high mass soldering applications are available.

Description	Actual Picture	Dimensional Diagram	Width A (mm)	Part Number
Chisel Tip for leadfree soldering			8	502-8D
Chisel Tip for leadfree soldering			12	502-12D

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



Description	Actual Picture	Remarks
DSP03G Soldering Pencil		Whenever required
Barrel & Nut Assembly		Whenever required
Heating Element		Replace if display shows H-E
Temperature Sensor		Replace if display shows S-E
Cord with Connector		Whenever required

Partial User References (not complete list) of our DSSH300 Soldering Station

SNo.	Customer's Name & City	Qty	SNo.	Customer's Name & City	Qty
1	Balaji Sales, Indore	1	11	RenewSys India Pvt. Ltd., Andhra Pradesh	2
2	BG LI-IN Electricals Ltd., Aurangabad	1	12	Rishab Instruments Pvt. Ltd., Nashik	5
3	Bharat Electronics Limited, Mumbai	5	13	Schneider Electric India Pvt. Ltd., Bangalore	5
4	Blue Chip Electronics, Secunderabad	8	14	Secure Meters Limited, Ahmedabad	6
5	GRD Induction, Jalandhar	1	15	Secure Meters Limited, Udaipur	8
6	Hindustan Aeronautics Ltd., Koraput Odisha	3	16	Synergy Enterprises, Chandigarh	1
7	Koti Systems, Bangalore	3	17	TDK India Private Limited, Nashik	44
8	Lead Enterprises, Bangalore	1	18	Terminal Ballistics Research Laboratory, Chandigarh	4
9	Nitin Jain, Nashirabad	1	19	Voxelgrids Innovations Pvt. Ltd., Bangalore	2
10	Rangsons Electronics Pvt. Ltd., Mysore	1			

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Expensive nanometric ceramic coating prevents solder baths from corrosion

**Wider Solder Bath dia of 54 mm  
upto 500°C, 400 Watt Lead Free Solder Pot  
Anti-corrosion ceramic coating  
Model I100-6CA**

## Specifications:

Solder Pot Size (approx.) : 54mm dia x 38mm depth  
Temperature range : 150°C ~ 500°C  
Solder Capacity : 750 gms (approx.)  
Input Supply : 220 VAC/50 Hz  
Power Consumption : 400 Watt

Normally ex-stock availability of Spare Parts

Spare  
Heating Element



Spare Temperature Sensor



**36 mm dia, 200 Watt Lead Free Solder Pot  
with Anti-Corrosion Ceramic Coating  
Model SP-200**

Normally ex-stock availability  
of Spare Parts

Heating Element



Temperature Sensor



## Specifications:

Solder Pot Size(approx.) : 36mm dia x 30mm depth  
Temperature range : 150° ~ 500°C  
Solder Capacity : 650 gms (approx.)  
Input Supply : 220 VAC/50 Hz  
Power Consumption : 200 Watt



Expensive nanometric ceramic coating prevents solder baths from corrosion

## Digital Display, Closed Loop Temperature Control Solder Bath: 95x135 mm size, 600 Watt heating

Model I100-15S is an excellent, portable and easy-to-use rectangular Solder Pot for leadfree and leaded soldering. It is ideal for wire tinning and for small PCB soldering and desoldering of components. This model is ideal for manufacturers seeking a cost-effective solution for pre-tinning components or wires.



**OFF Time:** This Solder Pot can be programmed for SWITCH- OFF time. The Power of Solder Pot will automatically switched-off after this set time. This time is adjustable from 000 ~ 999 hours.

**Work Time:** This shows the accumulative working time of the Solder Pot

### Specifications

- Solder Bath internal dimensions: 95x135x60 mm (LxWxH) approx.
- Temperature Range: 100°C ~ 450°C
- Input Supply: 220V/50Hz
- Power consumption: 600 Watt
- Solder Pot Capacity: 5.5 kgm (approx.)
- LCD type Digital Display

### Features

- Micro-controller based controls
- Closed loop temperature control
- Anti-Corrosion high temperature resistant nanometric ceramic coating on inside of Solder Bath
- In-built digital temperature calibration
- Rapid heating with stable and accurate temperature

**Assured availability, normally ex-stock, of Spare Parts for Digital Solder Pot Model I100-15S**



Spare Heating Element



Spare Temperature Sensor



Spare Solder Cup

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## Partial User References (not complete list) of our Leadfree Solder Pots

SNo.	Customer's Name & City	Qty	SNo.	Customer's Name & City	Qty
1	ADI Electronics Mfg. Tech. Pvt. Ltd., Bangalore	1	34	Moser Baer India Limited, Noida	1
2	ADS Sensortechnik Pvt. Ltd., Bangalore	1	35	Motherson Sumi Systems Ltd., Faridabad	2
3	Ananth Technologies Ltd., Trivandrum	1	36	Motherson Sumi Systems Ltd., Noida	3
4	Astra Microwave Products Ltd., Hyderabad	2	37	Novateur Electrical & Digital Systems Pvt. Ltd., Jalgaon	1
5	Avery India Limited, Ballabgarh	1	38	Nuflex Electromagnetics Pvt. Ltd.,	1
6	BG LI-IN Electricals Ltd., Aurangabad	1	39	Om Nano Tech Pvt.Ltd., Noida	1
7	Blue Chip Electronic, Secunderabad	2	40	Perto India Pvt. Ltd., Jaipur	2
8	CG Cables & Wires India Pvt. Ltd., Bangalore	2	41	Phoenix Control India Limited, New Delhi	1
9	Control Print Limited, Nalagarh	1	42	Qualifour Auto Products (P) Ltd., Hosur	3
10	DCX Cable Assemblies Pvt. Ltd., Bangalore	3	43	Rangsons Defence Solutions (P) Ltd., Bangalore	1
11	Divine Techno Engineers, Vadodara	2	44	Russell Systems, Bangalore	2
12	Eaton Power Quality Pvt. Ltd., Pondicherry	1	45	Salzer Electronics Ltd. Unit-II, Coimbatore	1
13	Elin Electronics Ltd.,Ghaziabad	20	46	Secure Meters Limited, Sanand, Ahmedabad	7
14	Ess Dee Industries, Aurangabad	3	47	Shivalik Industries,Parwanoo	1
15	Excel-Par Electronics Pvt.Ltd., Mysore	25	48	Sinicon Controls Pvt. Ltd., Palakkad	1
16	FCI OEN Connectors Ltd., Cochin	1	49	Sirio India Inductive Components Pvt. Ltd., New Delhi	3
17	Flextronics Tech (I) Pvt. Ltd., Sriperumbudur	2	50	SNS Industries, Bangalore	1
18	Fokkar Elmo Sasmos Interconnection Sys. Ltd., Bangalore	1	51	Southern Electronics (Bangalore) Pvt. Ltd., Bangalore	2
19	Goodrich Aerospace Services Pvt. Ltd., Bangalore	2	52	Spark Controls, Bangalore	1
20	HTL Limited, Chennai	2	53	The Aluminium Industries Ltd., Trivandrum	1
21	Hi-Rel Tech Pvt. Ltd., Hosur	1	54	Toyota Techno Park India Pvt. Ltd., Badadi (Karnataka)	1
22	Indelox Technologies Pvt. Ltd., Bangalore	1	55	Transquill Power System Pvt. Ltd., Bangalore	5
23	Keltron Electro Ceramics Ltd., Kuttipuram, Kerala	1	56	Transpace Technologies Pvt. Ltd.,Bangalore	1
24	Kent RO System Ltd., Noida	6	57	Triphase Technologies Pvt. Ltd., Parwanoo	1
25	Lineage Power (I) Pvt. Ltd., Bangalore	1	58	Vidya Academy of Science & Technologies, Trivandrum	1
26	Mag Power, Pune	3	59	Voxelgrides Innovations Pvt. Ltd., Bangalore	1
27	Magnatech, Mysore	4			
28	Magsol Technologies (P) Ltd., Bangalore	1			
29	Mersen India Pvt. Ltd., Bangalore	1			
30	Micropack Pvt. Ltd., Bangalore	1			
31	Microtek International Pvt. Ltd., Parwanoo	1			
32	MIL Power Converter Tech. India Pvt. Ltd., Gurgaon	1			
33	Molex India Pvt. Ltd., Bangalore	45			

Warranty is 12 months from the date of invoice. It excludes all consumable parts as Heating Elements, Temperature Sensors, Solder Cups etc.

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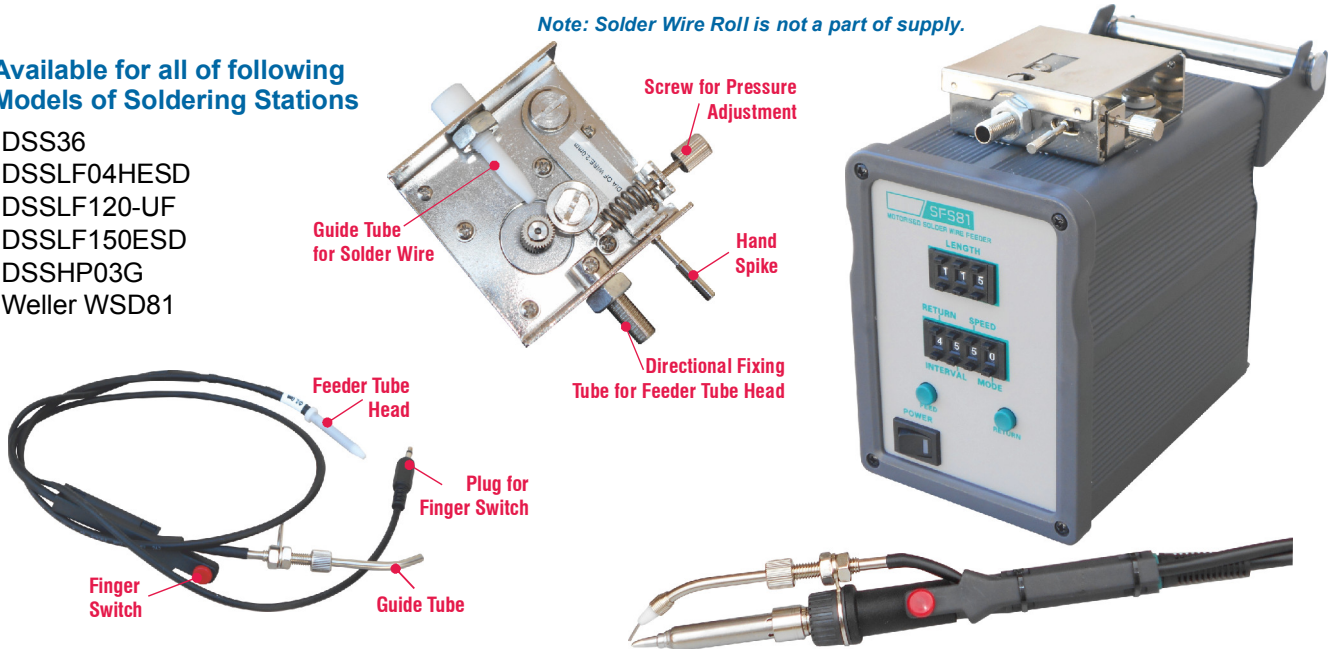
**increases productivity of operator and avoids solder wire wastage to lower cost**

Many industrial, automotive (lights, magneto etc.) and other production lines require faster soldering process with consistent quality. SFS81 Solder Feeder system, economically priced, is the right choice for such applications since it makes operator's hand free with auto solder wire feeding, also provides quality consistency to each solder joint due to same solder amount with pre-programmed solder wire feeding.

*Note: Solder Wire Roll is not a part of supply.*

## Available for all of following Models of Soldering Stations

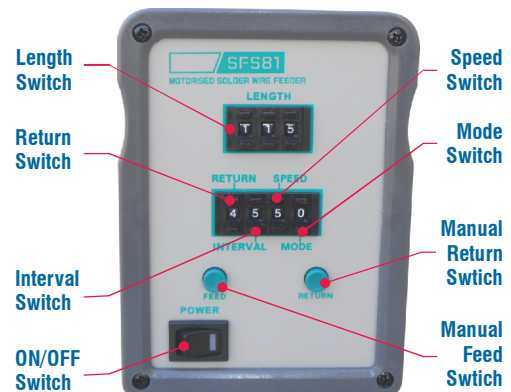
- DSS36
- DSSLF04HESD
- DSSLF120-UF
- DSSLF150ESD
- DSSHP03G
- Weller WSD81



## Specifications

- Power Consumption : 20 Watt, 220V/50Hz
- Motor : DC Motor
- Feeding Time\* : 0 ~ 4s
- Feeding Speed\* : 4mm/s ~ 21mm/s
- Feeding Interval Time\* : 0 ~ 3.6s
- Returning Length\* : About 0 ~ 30mm
- Feeding Mode\* : Auto (1~9) / Manual (0)
- For Solder Wires of dia : 0.8 ~ 2.0 mm (customer to specify)

\* These functions can be set from front panel.



## Description of Main Functions:

**Feeding Length Setting:** Press Feeding Length switch "LENGTH" to set suitable digit in accordance with working demand. Feeding length is designated with three digits. 000 to 999 which denote feeding length of 0.15mm to 150mm. When the digit is set as 001, the length is 0.15mm. When it is set as 999, the length is 150mm.

**Feeding Speed Setting:** Press Feeding Speed Switch "SPEED" to set the suitable digit in accordance with working demand. Feeding Speed is designed with one digit. 0 to 9 which denote feeding speed from 4mm/s ~ 21mm/s. When the digit is set as 0, the speed is lowest and is about 4mm/s. When it is set as 9, the speed is fastest and is about 21mm/s.

**Feeding Mode Setting:** Press the Feeding Mode Switch "MODE" to choose suitable digit. After each time feeding of Solder Wire for soldering, the Solder Wire will get back. This ensures same quality of soldering for each solder joint. Available Feeding Modes are: 0: Manual Feeding; 1: Auto Feeding once; 2: Auto Feeding Twice; 3: Auto feeding Three times; 4: Auto Feeding Four Times; 5: Auto Feeding Five Times; 6: Auto Feeding Six Times; 7: Auto Feeding Seven Times; 8: Auto Feeding Eight Times; 9: Auto Feeding Nine Times

**Return Time Setting:** Press Returning Length Switch "RETURN" to set the suitable digit in accordance with working demand. Returning length is designated with one digit. 0 to 9 denotes the returning length from 0 ~ 30mm.

**Feeding Interval Time Setting:** Press Interval Setting Switch "INTERVAL" to set the suitable digit. Feeding Interval Time means the interval time between every feeding when the automatic feeding is over two times. Feeding Interval Time is designed with one digit. 0 to 9 denote interval time from 0 ~ 3.6 seconds. When the digit is set as 1, the interval time is about 0.4 second. When it is set as 9, the interval time is 3.6 seconds.

## 90 Watt Soldering Station with Solder Wire Feeder Model DSF-76D

**INDE**  
reliable & caring since 1976

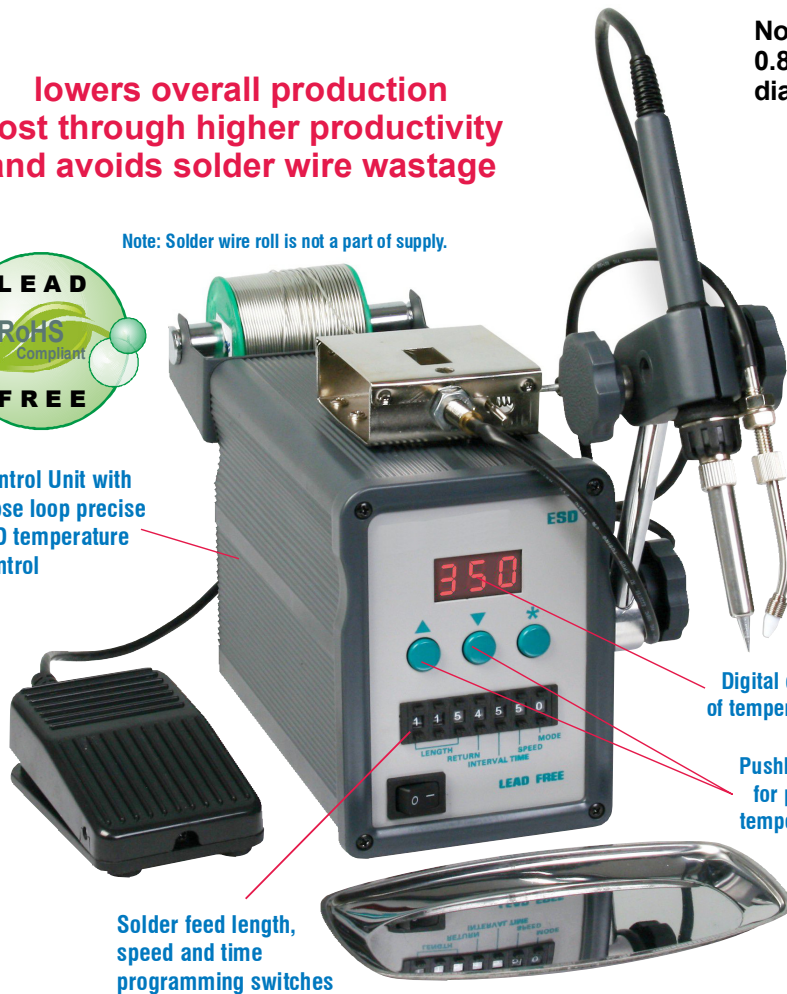
increases productivity & lowers production cost with no solder wire wastage

**lowers overall production cost through higher productivity and avoids solder wire wastage**

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



Control Unit with close loop precise PID temperature control



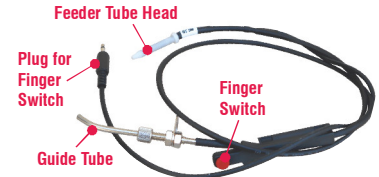
Solder feed length, speed and time programming switches

Digital display of temperatures

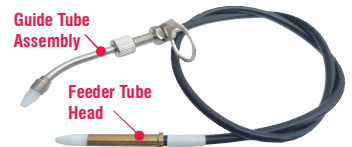
Pushbuttons for precise temperature control

Note: Available for Solder Wire dia from 0.8mm, 1.0mm & 1.2mm. (Please specify dia of the Solder Wire while ordering)

[Click here to view Video](#)



Feeding Tube Assembly (Finger Switch type)



Feeding Tube Assembly (Foot Switch type)

### Scope of Supply

- Main Controller/Feeder Unit
- Soldering Pencil with Wire Feeding attachment
- Chisel Soldering Bit
- Soldering Pencil Holder

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 DSF-76D. 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.

### Specifications

- |                            |                            |
|----------------------------|----------------------------|
| • Temperature Range        | : 200°C ~ 480°C            |
| • Temperature Stability    | : $\pm 2\%$ of final value |
| • Tip to Ground Resistance | : <2 Ohm                   |
| • 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 (about 0~25mm)    |
| • Feeding Mode             | : Auto (1~9) / Manual (0)  |
| • Diameter of Solder Wire  | : customer to specify      |


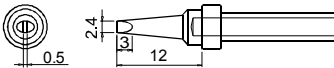

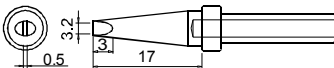

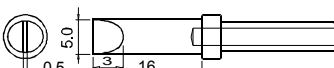

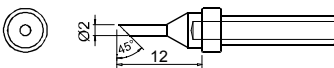

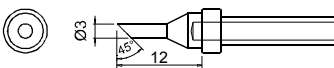

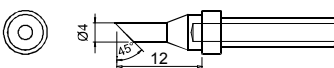

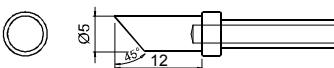

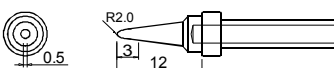

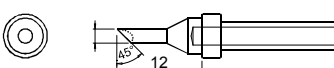
### Features

- 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
- Auto & Manual feeding mode
- Returning function to reduce Solder Wire consumption
- Both Foot & Manual Switch can be used

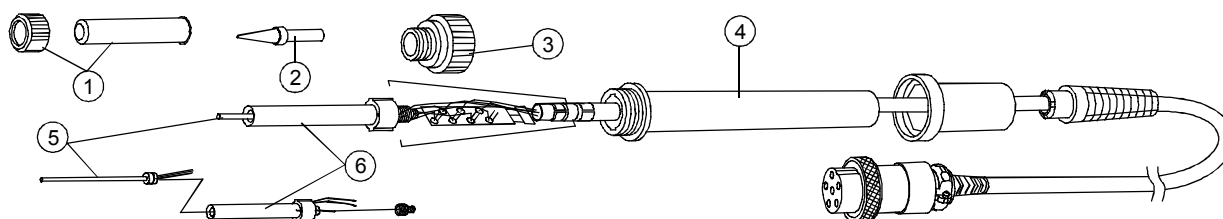
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## Wide range of Soldering Tips are available for different soldering applications

Description	Actual Picture	Dimensional Diagram	Width A (mm)	Part Number
Chisel Tip for leadfree soldering			2.4	200-2.4D
Chisel Tip for leadfree soldering			3.2	200-3.2LD
Chisel Tip for leadfree soldering			5.0	200-5LD
Sloped Tip for leadfree soldering			Ø2	200-2C
Sloped Tip for Solar Panels			Ø3	200-3C
Sloped Tip for Solar Panels			Ø4	200-4C
Sloped Tip for Solar Panels			Ø5	200-5C
Round Tip for leadfree soldering			R2	200-2B
Soldering Tip for SMD Soldering			3.0	200-3CM

## Assured availability, normally ex-stock, of spare parts for 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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SNo.	Customer's Name & City	Model	Qty
1	Accurate Solutions, Gurgaon	DSF-76D (1.2mm)	1
2	ADS Sensor Technik Pvt. Ltd., Bangalore	SFS-81 (1.0mm)	1
3	Amphenol Omnicomnect India (P) Ltd., Chennai	SFS-81 (1.2mm)	1
4	Astra Automation, Panchkula	DSF-76D (1.00mm)	1
5	BG Li-In Electrical Ltd., Aurangabad	DSF-76D-150 (1.00mm)	2
6	ESS DEE Industries, Aurgangabad	DSF-76D (1.00mm)	2
7	ESS DEE Industries, Aurgangabad	DSF-76-IW	1
8	Goodrich Aerospace Services Pvt. Ltd., Bangalore	DSF-76D-150 (0.8mm)	1
9	Goodrich Aerospace Services Pvt. Ltd., Bangalore	DSF-76D (0.8mm)	2
10	Goodrich Aerospace Services Pvt. Ltd., Bangalore	SFS-81 (0.8mm)	2
11	Integrated Electronics Technologies Pvt. Ltd., Pune	DSF-76D (0.8mm)	2
12	Jay Precision Products India Pvt. Ltd., Mumbai	DSF-76D (0.8mm)	1
13	Kaynes Interconnection System India Pvt. Ltd., Bangalore	SFS-81	1
14	Kent RO Limited, Haridwar	DSF-76D (1.0mm)	3
15	Kent RO Systems Ltd., Noida	DSF-76D (1.0mm)	2
16	Lucas-TVS Ltd., Pondicherry	DSF-76D-150 (1.6mm)	1
17	Noavteur Electrical and Digital Systems (P) Ltd., Jalgaon	DSF-76D (1.0mm)	1
18	Rise Appliances Pvt. Ltd., Noida	DSF-76D (1.0mm)	4
19	Sealed Energy Systemjs, Ambala Cantt	DSF-76D (1.6mm)	1
20	Sai Engineering Works, Aurangabad	DSF-76D (1.6)	2
21	Schneider Electric IT Business India Pvt. Ltd., Bangalore	DSF-76D (1.6)	2
22	Secure Meters Limited, Barotiwala (Baddi)	DSF-76D (1.0mm)	12
23	Secure Meters Limited, Sanand, Ahmedabad	DSF-76D (1.0mm)	2
24	Secure Meters Limited, Udaipur	DSF-76D (1.0mm)	12
25	Secure Meters Limited, Udaipur	SFS-81 (1.0mm)	1
26	Secure Meters Limited, Udaipur	SFS-81 + DSSLF04HESD	4
27	Super Control & Automation, Faridabad	DSF-76D (1.6mm)	1
28	Surya Roshni Ltd., Bhind (MP)	DSF-76D (0.8mm)	2
29	Surya Roshni Ltd., Kashipur	DSF-76D (0.8mm)	5
30	Syrma Technology Pvt. Ltd., Chennai	DSF-76D (0.8mm)	1
31	TDK India Private Ltd., Nashik	DSF-76D-150 (2.0mm)	1
32	TVS Motor Company Limited, Hosur	DSF-76D-150 (0.8mm)	1
33	Ved Electronics, Meerut	DSF-76D (1.0mm)	1
34	Viz Technologies Pvt. Ltd., Hyderabad	SFS-81 (1.2mm)	20

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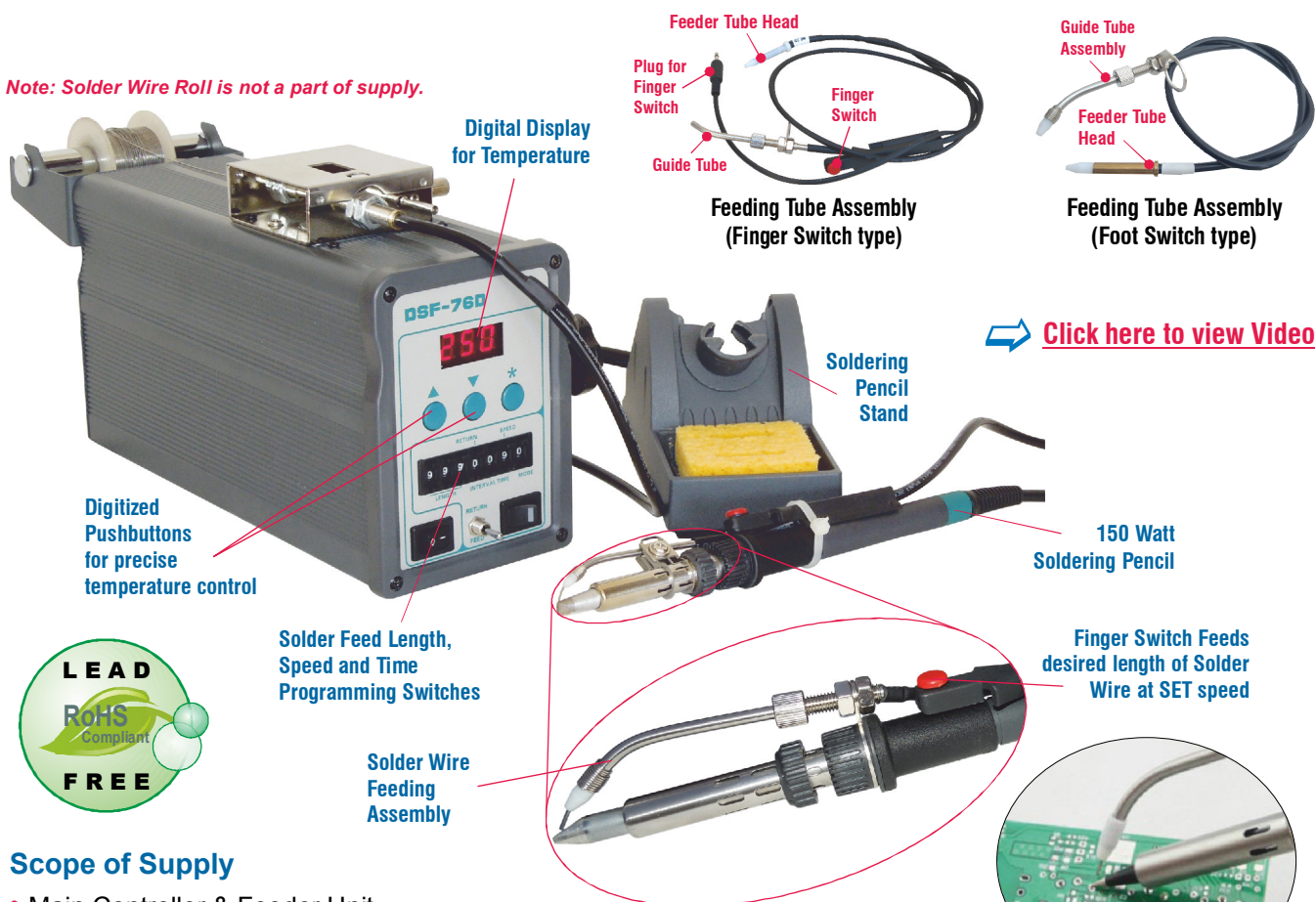
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used by many customers for soldering of Solar Panels & Automotive components

## Integral Solder Wire Feeder upto 2.0mm and 150 Watt Soldering Pencil

*Note: Solder Wire Roll is not a part of supply.*



[Click here to view Video](#)



### Scope of Supply

- Main Controller & Feeder Unit
- Soldering Pencil
- Soldering Bit
- Soldering Pencil Holder
- Solder Wire Feeding Attachment

**Note: Available for Solder Wire dia from 0.8 ~ 2.0 mm. (customer need to specify dia of the Solder Wire while ordering)**

**Soldering with Solder wire Feeder Example**



Power Capacitors soldering



Solar Panels & Cells reliable soldering



High Mass Automotive Components soldering



Today's highly competitive and demanding industrial soldering applications need highest possible productivity of operators and every paisa must be saved for avoiding wastage of Solder Wire. Such demanding requirements are met with fast thermal recovery Model DSF-76D-150 Hi-Power Soldering Station with Solder Wire Feeder. 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.

### Specifications




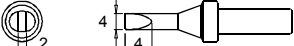



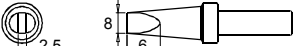





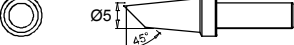
- Temperature Range : 50°C ~ 550°C
- Temperature Stability :  $\pm 2\%$  of final value
- Tip to Ground Resistance : <2 $\Omega$
- Tip to Ground Potential : <2mV
- Input Supply : 230VAC, 50Hz
- Feeding Speed : About 2.7mm/s~27mm/s
- Feeding Interval Time : 0~2.7S
- Feeding Length : 0~150mm
- Returning Time : 0~0.9s
- Feeding Mode : Auto (1~9) / Manual (0)
- Diameter of Solder Wire : customer to specify

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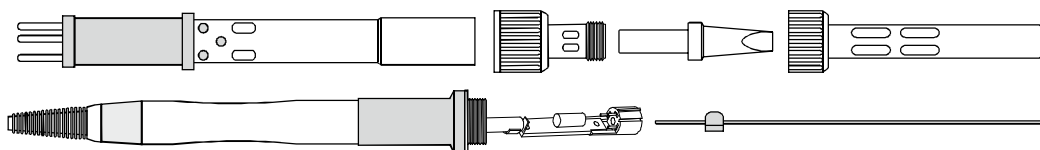
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used by many customers for soldering of Solar Panels & Automotive components

Wide range of Soldering Tips for normal to heavy mass soldering are available.

Description	Actual Photo	Dimensional Diagram	Width (mm)	Thick (mm)	Model
Chisel Tip for Leadfree soldering			3.5	2.0	500-3.5D
Chisel Tip for Film Capacitors			4.0	2.0	500-4D-03
Chisel Tip for Film Capacitors			5.0	2.5	500-5D
Chisel Tip for Film Capacitors			8	2.5	500-8D
Sloped Tip for Solar			Ø3	-	500-3C
Sloped Tip for Solar			Ø4	-	500-4C
Sloped Tip			Ø5	-	500-5C

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



Description	Actual Picture	Remarks
DSP03G Soldering Pencil		Whenever required
Barrel & Nut Assembly		Whenever required
Heater Enclosure		Whenever required
Heating Element		Replace if display shows H-E
Temperature Sensor		Replace if display shows S-E
Cord with Connector		Whenever required
Feeder Tube Assembly	  Foot Switch type      Finger Switch type	Whenever required

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SNo.	Customer's Name & City	Model	Qty
1	Accurate Solutions, Gurgaon	DSF-76D (1.2mm)	1
2	ADS Sensor Technik Pvt. Ltd., Bangalore	SFS-81 (1.0mm)	1
3	Amphenol Omnicomnect India (P) Ltd., Chennai	SFS-81 (1.2mm)	1
4	Astra Automation, Panchkula	DSF-76D (1.00mm)	1
5	BG Li-In Electrical Ltd., Aurangabad	DSF-76D-150 (1.00mm)	2
6	ESS DEE Industries, Aurgangabad	DSF-76D (1.00mm)	2
7	ESS DEE Industries, Aurgangabad	DSF-76-IW	1
8	Goodrich Aerospace Services Pvt. Ltd., Bangalore	DSF-76D-150 (0.8mm)	1
9	Goodrich Aerospace Services Pvt. Ltd., Bangalore	DSF-76D (0.8mm)	2
10	Goodrich Aerospace Services Pvt. Ltd., Bangalore	SFS-81 (0.8mm)	2
11	Integrated Electronics Technologies Pvt. Ltd., Pune	DSF-76D (0.8mm)	2
12	Jay Precision Products India Pvt. Ltd., Mumbai	DSF-76D (0.8mm)	1
13	Kaynes Interconnection System India Pvt. Ltd., Bangalore	SFS-81	1
14	Kent RO Limited, Haridwar	DSF-76D (1.0mm)	3
15	Kent RO Systems Ltd., Noida	DSF-76D (1.0mm)	2
16	Lucas-TVS Ltd., Pondicherry	DSF-76D-150 (1.6mm)	1
17	Noavteur Electrical and Digital Systems (P) Ltd., Jalgaon	DSF-76D (1.0mm)	1
18	Rise Appliances Pvt. Ltd., Noida	DSF-76D (1.0mm)	4
19	Sealed Energy Systemjs, Ambala Cantt	DSF-76D (1.6mm)	1
20	Sai Engineering Works, Aurangabad	DSF-76D (1.6)	2
21	Schneider Electric IT Business India Pvt. Ltd., Bangalore	DSF-76D (1.6)	2
22	Secure Meters Limited, Barotiwala (Baddi)	DSF-76D (1.0mm)	12
23	Secure Meters Limited, Sanand, Ahmedabad	DSF-76D (1.0mm)	2
24	Secure Meters Limited, Udaipur	DSF-76D (1.0mm)	12
25	Secure Meters Limited, Udaipur	SFS-81 (1.0mm)	1
26	Secure Meters Limited, Udaipur	SFS-81 + DSSLF04HESD	4
27	Super Control & Automation, Faridabad	DSF-76D (1.6mm)	1
28	Surya Roshni Ltd., Bhind (MP)	DSF-76D (0.8mm)	2
29	Surya Roshni Ltd., Kashipur	DSF-76D (0.8mm)	5
30	Syrma Technology Pvt. Ltd., Chennai	DSF-76D (0.8mm)	1
31	TDK India Private Ltd., Nashik	DSF-76D-150 (2.0mm)	1
32	TVS Motor Company Limited, Hosur	DSF-76D-150 (0.8mm)	1
33	Ved Electronics, Meerut	DSF-76D (1.0mm)	1
34	Viz Technologies Pvt. Ltd., Hyderabad	SFS-81 (1.2mm)	20

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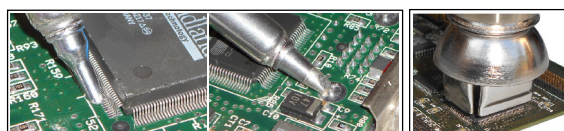
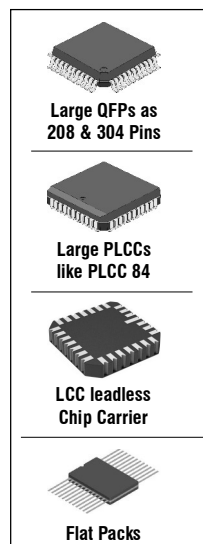


## 2-in-1 Hot Air and Soldering Rework Station Model IRS2C

**INDE**  
reliable & caring since 1976

in-built Password Lock Function & Digital Temperature Calibration provision

Wide range of Hot Air Nozzles are available to solder and desolder Fine-Pitch QFPs, PLCCs and SMD ICs up to 42.5x42.5mm size



SMD IC Pick-up Tool to pick-up SMDs once the solder on all the SMD IC leads is molten

Fine pitch SMD and Thru-hole Soldering

SMD Reworking

### Features

#### Rework Section

- High heat power and high air flow volume provides easy and fast desoldering of large QFPs & PLCCs
- Variety of Hot Air Nozzles available for different sizes of SMD ICs like QFPs, PLCCs, SOPs.
- Push Buttons for precise temperature adjustment
- Precise temperature control, not affected by airflow
- Has a powerful maintenance-free **Brushless** Motor
- Airflow is adjustable with Push Buttons
- In-built password protection and key-lock functions
- Auto-sleep feature allows system to go into stand-by mode to prolong the life of heater.
- Auto cooling also prolong the life of heater and protect the handle from heating

#### Specifications Soldering Section

Power Consumption	: 90W
Temperature Range	: 50°C ~ 500°C
Sleep Temperature Range	: 50°C ~ 200°C
Sleeping Time Range	: 0 ~ 250min
Temperature Stability	: $\pm 2^{\circ}\text{C}$ (stationary air, no load)
Tip to Ground Resistance	: $< 2\Omega$

#### Soldering Section

- Push Buttons for precise temperature adjustment
- Precise temperature control
- Suitable for soldering leadfree & SMD components
- In-built password protection and key-lock functions
- Auto-sleep feature allows system to go into stand-by mode to prolong the life of heater and Soldering Tips
- in-built digital temperature calibration facility to meet ISO requirements
- Various error message indication enables the user to rectify the fault immediately.
- Lightweight and comfortable for fatigue-free working

#### Scope of Supply:

- Main Power & Control Unit
- HAP2C Hot Air Pencil with Stand & Hot Air Nozzle
- SP2CESD Soldering Pencil fitted with Soldering Tip
- Stand with Cleaning Sponge for Soldering Pencil
- SMD IC Pick-up Tool

#### Specifications Rework Section

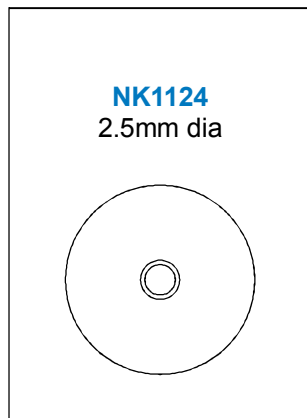
Power Consumption	: 1000W
Temperature Range	: 100°C ~ 500°C
Air Volume	: 1 ~ 120 Litre/min
Temperature Stability	: $\pm 2^{\circ}\text{C}$

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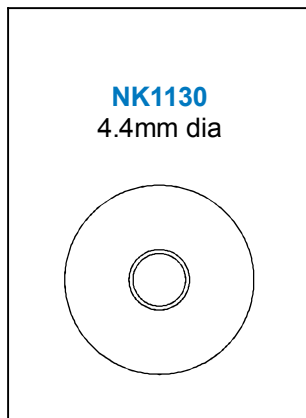
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### Hot Air Nozzles for IRS2C Hot Air and Soldering Rework Station



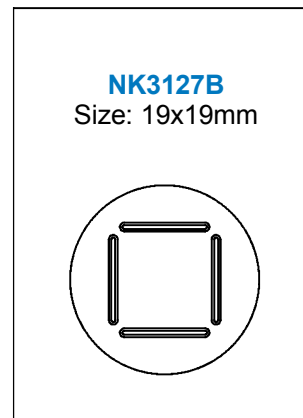
Suitable for SMD Chips



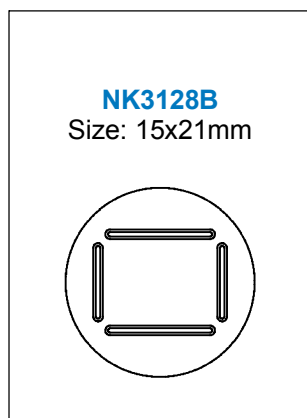
Suitable for SOTs



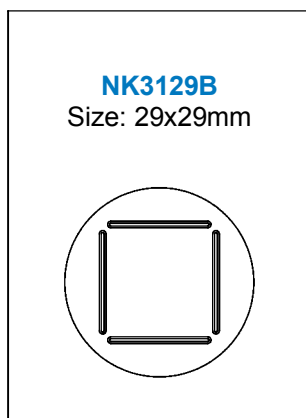
Suitable for SOTs



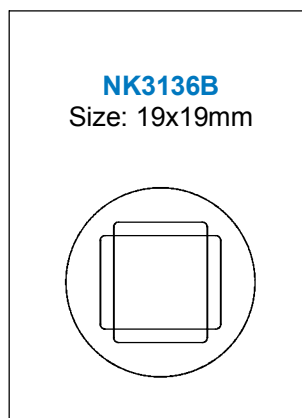
Suitable for QFP100



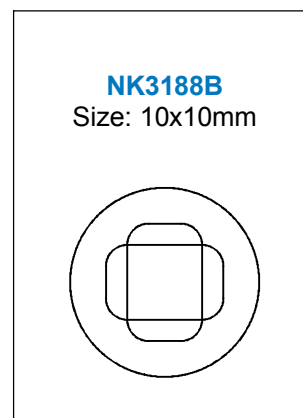
Suitable for P-QFP128



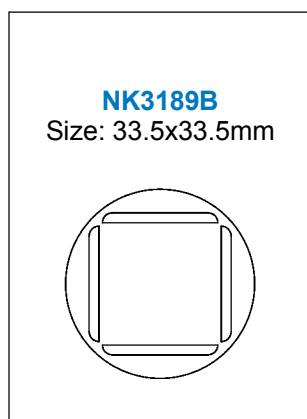
Suitable for C-QFP64



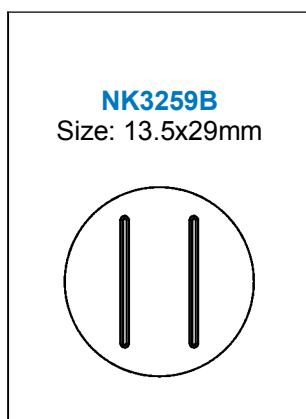
Suitable for PLCC 52



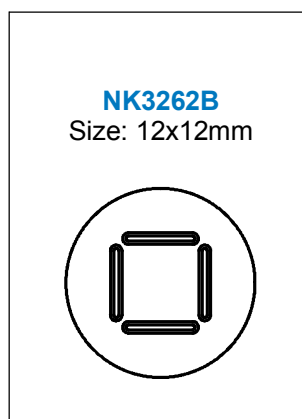
Suitable for PLCC 20



Suitable for PLCC100



Suitable for TSOP44



Suitable for TQFP44


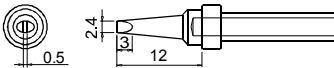

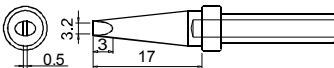

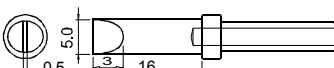

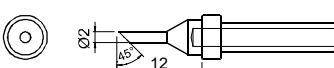

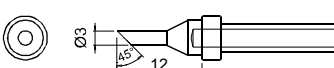

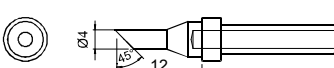

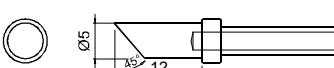

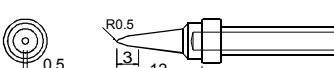

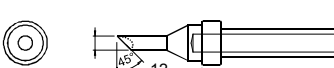


Suitable for BQFP84

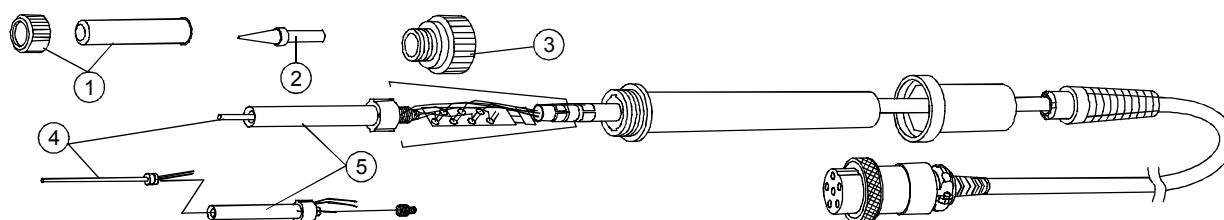
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### Wide range of Soldering Tips are available for different soldering applications

Description	Actual Picture	Dimensional Diagram	Width A (mm)	Part Number
Chisel Tip for leadfree soldering			2.4	200-2.4D
Chisel Tip for leadfree soldering			3.2	200-3.2LD
Chisel Tip for leadfree soldering			5.0	200-5LD
Sloped Tip for leadfree soldering			Ø2	200-2C
Sloped Tip for Solar Panels			Ø3	200-3C
Sloped Tip for Solar Panels			Ø4	200-4C
Sloped Tip for Solar Panels			Ø5	200-5C
Round Tip for leadfree soldering			R0.5	200-B
Soldering Tip for SMD Soldering			3.0	200-3CM

### Assured availability, normally ex-stock, of spare parts for 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	Temperature Sensor	Replace when display shows S-E
5	Heating Element	Replace when display shows H-E

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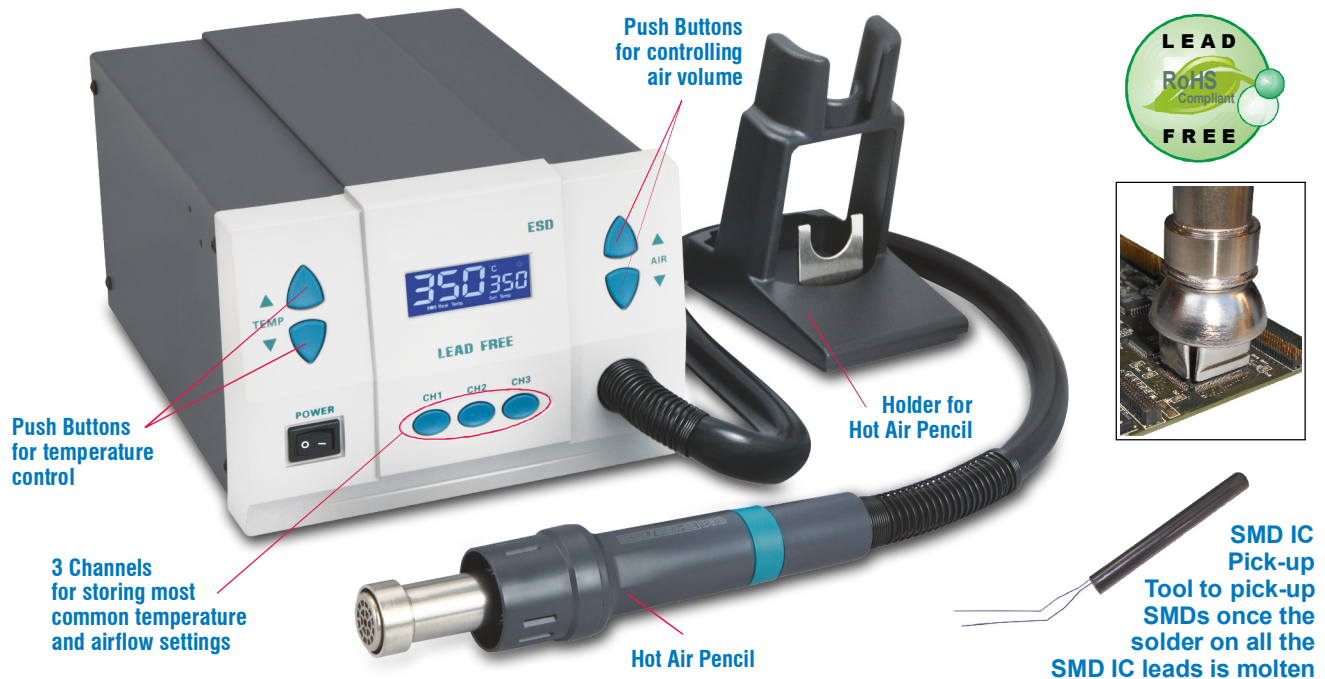
# 1000 Watt High Power Hot Air Rework Station Model HAS6DW

**INDE**  
reliable & caring since 1976

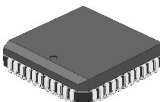
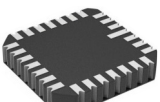
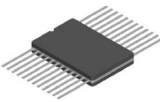
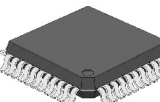
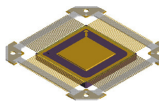

One Station suffices 0402 miniature Chips to large size (42.5x42.5 mm) SMD ICs

## lower cost version yet very powerful

[Click here to view Video](#)



**Wide range of Hot Air Nozzles are available to solder and desolder Fine-Pitch QFPs, PLCCs and SMD ICs up to 42.5x42.5mm size**

 Large PLCCs like PLCC 84	 LCC leadless Chip Carrier	 Flat Packs	 Large QFPs as 208 & 304 Pins	 Ceramic Quad Flat Packs	 Thin SOP ICs
--	---	---	--	---	---

### Features

- High heat power and high air flow volume provides easy and fast desoldering of large QFPs & PLCCs
- Variety of Hot Air Nozzles available for different sizes of SMD ICs like QFPs, PLCCs, SOPs.
- Push Buttons for precise temperature adjustment
- Precise temperature control, not affected by airflow
- Has a powerful maintenance-free **Brushless** Motor
- Airflow is adjustable with Push Buttons
- Suitable for desoldering leadfree components
- In-built feature to store 3 'favourite' Temperature & Air Flow settings in Channels "CH1, CH2 & Ch3".
- In-built password protection and key-lock functions
- Auto-sleep feature allows system to go into stand-by mode to prolong the life of heater.
- Auto cooling also prolongs the life of heater and protect the handle from heating

### Specifications

- Power : 1000 Watt
- Input Supply : 230VAC, 50Hz
- Temperature Range : 100°C ~500°C
- Airflow Range : 1 ~ 120 litre/min
- Dimension (approx.) : 188x245x135mm
- Weight (approx.) : 3.65 Kg

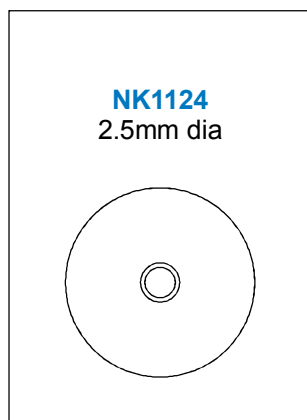
### Scope of Supply

- HAS6DW Main Power & Control Unit
- Hot Air Pencil
- Support Rack
- Pick-up Tool
- One Round Hot Air Nozzle

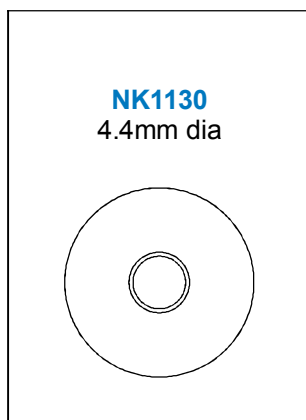
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One Station suffices 0402 miniature Chips to large size (42.5x42.5 mm) SMD ICs



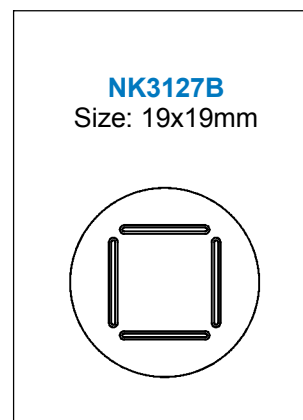
Suitable for SMD Chips



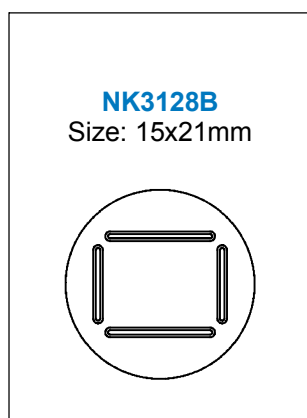
Suitable for SOTs



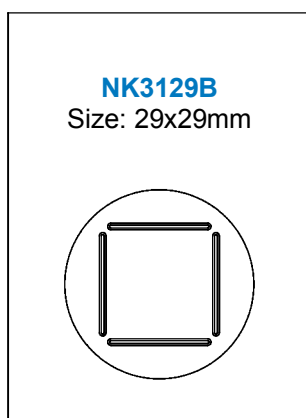
Suitable for SOTs



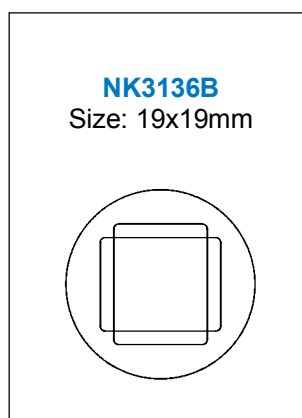
Suitable for QFP100



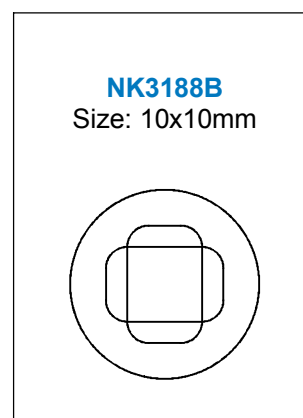
Suitable for P-QFP128



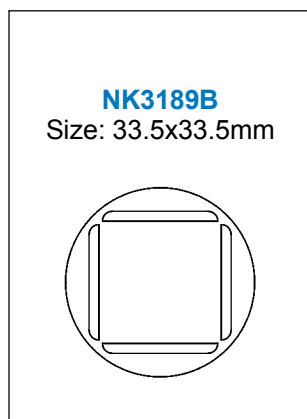
Suitable for C-QFP64



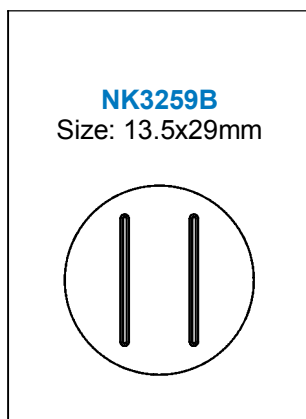
Suitable for PLCC 52



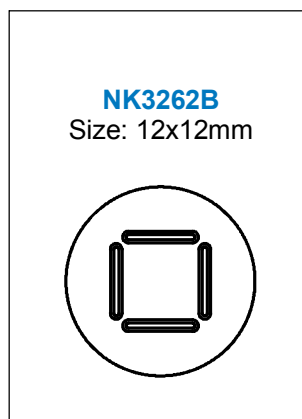
Suitable for PLCC 20



Suitable for PLCC100



Suitable for TSOP44



Suitable for TQFP44



Suitable for BQFP84

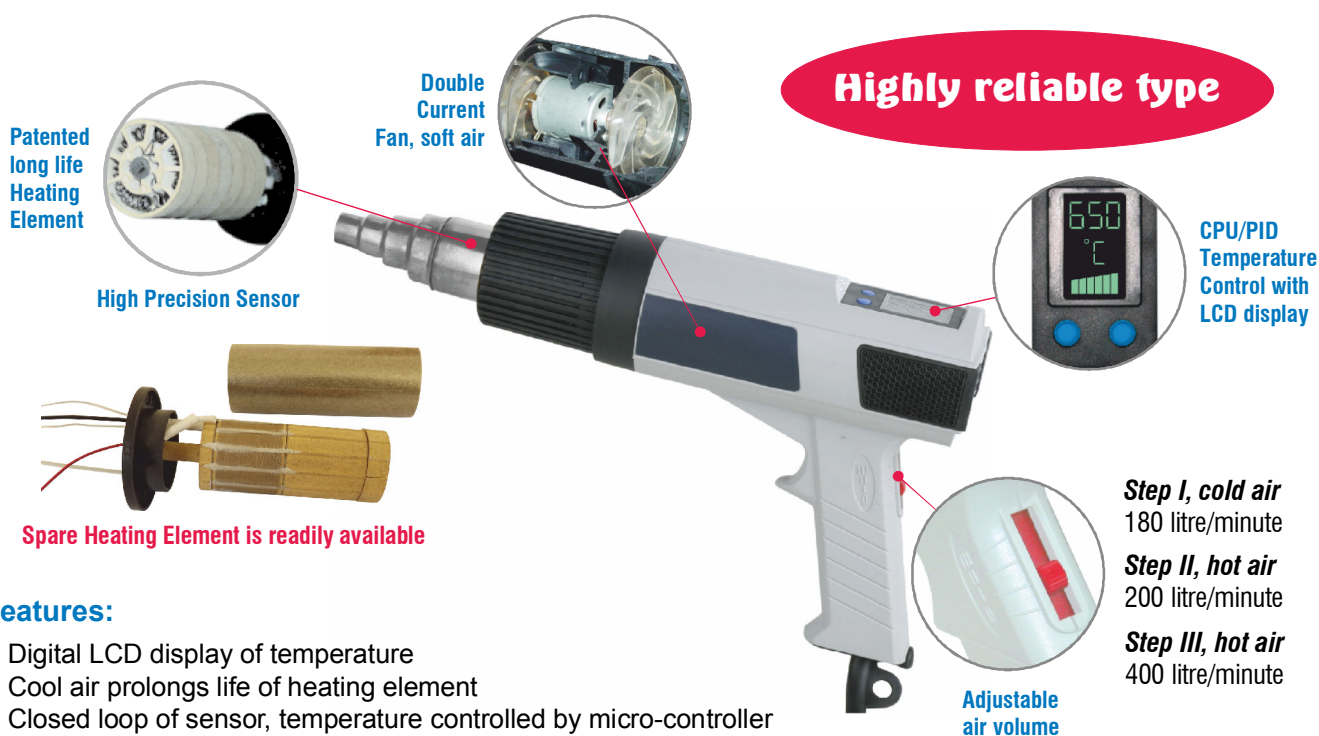
Warranty is 12 months from the date of invoice. It excludes all consumable parts as Heating Elements, Temperature Sensors, Soldering/Dsoldering Tips, Hot Air Nozzles, Cleaning Sponges, Cleaning Brass Wool and mechanically damaged parts. While the information contained herein in, has been carefully compiled 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.



## Partial User References (not complete list) of our Hot Air Stations

SNo.	Customer's Name & City	Qty	SNo.	Customer's Name & City	Qty
1	AB Industries, Bangalore	1	34	IPC Solutions, Gurgaon	2
2	Accelor Microsystem, Panchkula	1	35	Jabil Circuits India Pvt. Ltd., Pune	4
3	ADI EMT Pvt. Ltd., Bangalore	1	36	Livington India Pvt. Ltd., Gurgaon	1
4	Adlex System Manufacturing, Solan	1	37	Lovely Electronics, Sahnewal, Ludhian	2
5	Anand Electronics, Chandigarh	1	38	Multi Sphere Power Solutions Pvt. Ltd., Gurgaon	1
6	Astra Microwave Products Ltd., Andhra Pradesh	2	39	Nastroj India Pvt. Ltd., Ghaziabad	1
7	BEL Optronics Devices Ltd., Pune	2	40	National Atmospheric Research Lab., Gadanki	1
8	Blue Chip Electronics, Secunderabad	2	41	Panasonic India Pvt Ltd., Gurgaon	1
9	BPL Medical Technologies Ltd., Palakkad	1	42	Perfect Team Engineering Pvt. Ltd., Navi Mumbai	1
10	BSF FTR HQ, Srinagar	2	43	Prama Hikvision India Pvt. Ltd., Palghar	17
11	Cem Solutions Pvt. Ltd., Bangalore	1	44	Punjab Trading Co., Amritsar	2
12	Cyient DLM Pvt. Ltd., Bangalore	1	45	Qualcomm India Pvt. Ltd., Hyderabad	9
13	Cyient DLM Pvt. Ltd., Mysore	4	46	Rajshree Electro-Systems, Panvel	4
14	Component Master, Mumbai	1	47	Sasmos HET Technologies Ltd., Bangalore	1
15	Continental Automotive Comps (I) Pvt. Ltd., Bangalore	2	48	Schneider Electric India Pvt. Ltd., Bangalore	1
16	Deciblepro Pvt. Ltd., New Delhi	1	49	Sealed Energy System, Ambala Cantt	1
17	Denso India Pvt. Ltd., Haridwar	3	50	Sangam (India) Limited., Bhilwara	1
18	Distrionix, Kolkata	1	51	Saurer Textile Solutions Pvt. Ltd., Ahmedabad	1
19	Doordarshan Kendra, Trivandrum	1	52	Saurer Textile Solutions Pvt. Ltd., Mohali	1
20	Dr. DeepakTalreja, Kolhapur	1	53	Saurer Textile Solutions Pvt. Ltd., Coimbatore	4
21	EFD Induction Pvt. Ltd., Bangalore	1	54	Sehaj Synergy Technologies Pvt. Ltd., Jaipur	1
22	ESS ESS Enterprises, Fazilka	1	55	SGD Pharma India Ltd., Mahabadsagar	1
23	Flextronics Tech (I) Pvt. Ltd., Sriperumbudur	64	56	Shri Balaji Enterprises, Ferozepur Cantt	1
24	GVM Rail Pvt. Ltd., Mohali	1	57	Syrma Technology Pvt. Ltd., Chennai	2
25	Global Technologies, Bangalore	1	58	Syrma Technology Pvt. Ltd., Bawal	3
26	Electro Circuits Systems, Bangalore	1	59	System Controls Tech. Solutions Pvt. Ltd., Bangalore	1
27	Hella India Automotive Pvt. Ltd., Pune	2	60	TDK India Private Ltd., Nashik	1
28	Himanshu Lohani, Noida	1	61	Technomac, New Delhi	1
29	Honeywell Technology Solutions Pvt. Ltd., Bangalore	1	62	Tescom, Bangalore	2
30	Frog Cellset Ltd., Noida	1	63	Uniphos Environtronics Pvt. Ltd., Valsad	1
31	Icon Power Solution (P) Ltd., Gurgaon	1	64	Zobe India Pvt. Ltd., Daman	1
32	Indian Institute of Technologies, Roorkee	1	65	Vortex Engineering Pvt. Ltd., Chennai	1
33	Ind Micro Devices, Kolkata	1	66	V5 Semiconductors, Bangalore	1

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## Features:

- Digital LCD display of temperature
- Cool air prolongs life of heating element
- Closed loop of sensor, temperature controlled by micro-controller zero voltage triggering, stable - not affected by air volume
- High power with rapid heating

## Specifications:

Power consumption : 2100 Watt  
 Temperature Control : 50°C to 650°C  
 Input Supply : 230VAC, 50Hz  
 Weight : 1.25 kg (approx.)

## Scope of supply:

- Heat Gun
- Shrinking Nozzle
- Operating Manual

## Partial User References (not complete list) of our Hot Air Gun

SNo.	Customer's Name & City	Qty	SNo.	Customer's Name & City	Qty
1	AIL Dixon Technologies Pvt. Ltd., Chittoor	1	15	Koyo SMS (India) Pvt. Ltd., Chennai	5
2	Apex Electronics, Hyderabad	1	16	Multitech Engineers, Mumbai	2
3	Bharat Dynamics Ltd., Hyderabad	1	17	Osram Continental India Pvt. Ltd., Bangalore	1
4	Bharat Electronics Ltd., Ghaziabad	20	18	Radmax Communication Pvt. Ltd., New Delhi	1
5	Blue Chip Electronics, Secunderabad	3	19	Rajshree Electro-Systems, Panvel	5
6	BrahMos Aerospace Pvt. Ltd., Secunderabad	1	20	Ruda Micro Products, Hyderabad	1
7	Centre for Development of Advanced Computing,	1	21	Sealed Energy Systems, Amabala Cantt	1
8	Centum Electronics Ltd., Bangalore	7	22	Shiv Nadar University, Gautam Budh Nagar (UP)	1
9	Dynalog India Ltd., Mumbai	2	23	Sytem Controls Technology Solutions Pvt. Ltd., Bangalore	2
10	Essen Electronics Systems Pvt. Ltd., Visakhapatnam	1	24	Titam Company Limited, Bangalore	1
11	Ever Electronics Pvt. Ltd., Pune	3	25	Vikram Sarabhai Space Centre, Trivandrum	3
12	HCL Technologies Ltd., Chennai	3	26	Wingtech Mobile Communications (I) Pvt. Ltd., Chittoor	5
13	Hindustan Electronics Ltd., Korwa	15	27	Zobebe India Pvt. Ltd., Daman	1
14	Khurana Commercial Corporation, Delhi	1			

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