

# Low Cost Hi-Production Workhorse Soldering Station Model DSS36

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

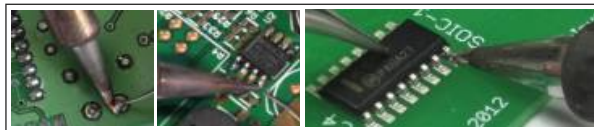


**Add optional Auto Solder Wire Feeder to raise production rate and to avoid solder wire wastage**



Solder Feeder and attachment or Soldering Pencil

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



## Scope of Supply

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

## Features

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

## Specifications

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

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

## Specifications

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

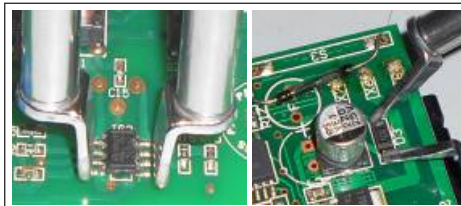


## Features

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



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



### 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.

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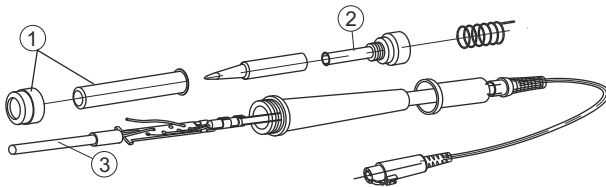
Warranty is 12 months from the date of invoice. It excludes all consumable parts as Heating Elements, Temperature Sensors, Soldering/Desoldering/Hot Air Tips, Cleaning Sponges, Cleaning Brass Wool and mechanically damaged parts. While the information contained herein in, has been carefully compiled to the best of our knowledge, nothing is intended as representation and warranty on our part; and no statement shall be construed as recommendation to infringe any of existing patents. We accept no liability of whatsoever for any faults and errors in the information contained herein. Contents of this catalogue and specifications of the products, are subject to change without notice due to continuous improvements.

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

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

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



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

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

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

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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### Supply List DSS36 Digital Soldering Station

S.No.	Customer's Name & City	Date of Sale	Qty.
1	509 Army Base Workshop, Agra	08.02.2014	5
2	Ace Sales Corporation, Faridabad	01.04.2013	1
3	ADC India Communications Ltd., Bangalore	21.02.2015	1
4	ADI Electronics Manufacturing Tech. Pvt. Ltd., Bangalore	20.02.2016	5
5	Adroit Control Engineers Pvt. Ltd., Faridabad	04.04.2013	1
6	Alpha Design Technologies Private Ltd., Bangalore	02.11.2013	1
7	Alpha Electronics, Jaipur	21.09.2013	1
	Alpha Electronics, Jaipur	18.03.2014	1
8	Altoo Research Pvt. Ltd., Gurgaon	15.10.2013	1
	Altoo Research Pvt. Ltd., Gurgaon	12.09.2014	1
9	Ammini Energy Systems Pvt. Ltd., Kerala	02.05.2013	1
	Ammini Energy Systems Pvt. Ltd., Kerala	10.06.2014	3
	Ammini Energy Systems Pvt. Ltd., Kerala	20.08.2015	3
10	Amanpreet Singh, Bareilly	19.09.2015	1
11	Amrita Research Lab.	30.04.2013	1
12	Amatra Digital Gadgets Pvt. Ltd., Bangalore	11.04.2014	1
	Amatra Digital Gadgets Pvt. Ltd., Bangalore	26.04.2014	1
	Amatra Digital Gadgets Pvt. Ltd., Bangalore	28.06.2014	1
13	Anshul Entreprises	03.01.2014	1
14	Andy Solar P Ltd., Panchkula	04.07.2014	3
	Andy Solar P Ltd., Panchkula	10.06.2015	2
15	Apex Electronics, Solan	10.08.2015	3
16	Applied Technosystem, Haryana	13.01.2016	1
17	Aparajita Electronics	07.07.2014	1
18	Bharat Electronics Ltd., Bangalore	11.02.2016	1
19	Nucon Aerospace thru Blue Chip Electronics, Secunderabad	03.04.2013	12
20	Blue Chip Electronics, Secunderabad	18.04.2013	2
	Blue Chip Electronics, Secunderabad	10.05.2013	1
21	ACD Communication thru Blue Chip Electronics, Secunderabad	11.06.2013	3
22	Blue Chip Electronics, Secunderabad	03.09.2013	2
	Blue Chip Electronics, Secunderabad	27.12.2013	1
23	Novacom Digitronics thru Blue Chip Electronics, Secunderabad	07.02.2014	4



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24	Nucon Aerospace thru Blue Chip Electronics, Secunderabad	03.11.2014	15
25	ECIL Hyderabad thru Blue Chip Electronics, Secunderabad	31.12.2014	2
25	Novacom Digitronics thru Blue Chip Electronics, Secunderabad	21.02.2015	35
26	Blue Chip Electronics, Secunderabad	25.02.2015	1
	Blue Chip Electronics, Secunderabad	24.04.2015	1
27	Nucon Aerospace thru Blue Chip Electronics, Secunderabad	23.05.2015	6
28	Pioneer Instruments thru Blue Chip Electronics, Secunderabad	28.07.2015	2
29	Adac Technologies thru Blue Chip Electronics, Secunderabad	31.07.2015	10
30	Nucon Aerospace thru Blue Chip Electronics, Secunderabad	16.09.2015	10
31	Junna Solar thru Blue Chip Electronics, Secunderabad	09.10.2015	3
32	Elico Ltd., thru Blue Chip Electronics, Secunderabad	13.11.2015	3
33	Junna Solar thru Blue Chip Electronics, Secunderabad	13.11.2015	3
34	Novacom Digitronics thru Blue Chip Electronics, Secunderabad	27.11.2015	10
35	Blue Chip Electronics, Secunderabad	27.11.2015	2
	Blue Chip Electronics, Secunderabad	22.12.2015	2
	Blue Chip Electronics, Secunderabad	29.12.2015	1
	Blue Chip Electronics, Secunderabad	19.01.2016	2
36	Junna Solar thru Blue Chip Electronics, Secunderabad	11.02.2016	3
37	RRCAT thru Balaji Sales, Indore	04.08.2014	1
38	Bandesha Enterprises	17.03.2015	1
39	Genzer Industriars Ltd., Mumbai	10.06.2014	2
40	CLS Industries, New Delhi	29.07.2014	2
41	Crompton Trading Co., Bangalore	11.08.2014	2
42	Cyber Communication	23.12.2014	3
43	Department of Atomic Energy, Chennai	06.08.2014	2
44	Defence Electronics Applications Lab., Dehradun	03.02.2014	1
45	Delta Systems	31.03.2014	2
46	Epcos Nashik thru Dewa Electro System, Nashik	10.07.2013	2
	Epcos Nashik thru Dewa Electro System, Nashik	02.09.2014	1
	Epcos Nashik thru Dewa Electro System, Nashik	07.10.2014	5
	Epcos Nashik thru Dewa Electro System, Nashik	29.05.2015	3
	Epcos Nashik thru Dewa Electro System, Nashik	20.06.2015	1
47	Rotex thru DivineTechno Engineers, Vadodara	13.02.2016	2
48	Matrix Telecom thru DivineTechno Engineers, Vadodara	02.03.2016	10



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50	Electronic Relays (India) Pvt. Ltd., Bangalore	15.11.2013	2
	Electronic Relays (India) Pvt. Ltd., Bangalore	20.12.2014	2
	Electronics Relays (India) Pvt. Ltd., Bangalore	26.05.2015	4
	Electronic Relays (India) Pvt. Ltd., Bangalore	22.09.2015	2
	Electronics Relays (India) Pvt. Ltd., Bangalore	26.03.2016	2
51	Electrical Controls & Systems (Unit-II), Vadodara	17.04.2014	3
	Electrical Controls & Systems (Unit-II), Vadodara	26.02.2015	12
52	Eltrac Technologies Pvt. Ltd., Bangalore	11.01.2014	2
53	Embedded Controls, Mohali	25.01.2014	1
	Embedded Controls, Mohali	01.01.2015	2
	Embedded Controls, Mohali	23.11.2015	2
54	Emmvee Photovoltaic Power Pvt.Ltd., Bangalore	04.03.2015	4
55	EON Electric Ltd., Haridwar	25.09.2015	2
	EON Electric Ltd., Haridwar	03.11.2015	2
	EON Electric Ltd., Haridwar	17.12.2015	2
	EON Electric Ltd., Haridwar	22.01.2016	1
56	Epcos India Private Limited, Nashik	18.02.2016	15
57	ETOE Interconnections Pvt. Ltd.	06.02.2014	2
	ETOE Interconnections Pvt. Ltd.	02.04.2015	2
58	Excel Autocomp Industries Pvt. Ltd., Chakan	08.02.2016	1
59	Excel-Par Electronics Pvt. Ltd., Mysore	12.07.2013	2
60	Garden Reach Shipbuilders & Engineers Ltd., Kolkata	02.01.2014	6
61	Genus Power Infrastructures Ltd., Haridwar	19.01.2016	26
62	Gilbarco Veeder Root India Pvt.Ltd., Coimbatore	02.07.2014	1
63	GM Solar Power, Bangalore	30.09.2014	25
64	Gobind Electronic Controls, Ludhiana	16.10.2013	1
65	Goodrich Aerospace Services Pvt. Ltd., Bangalore	27.03.2014	2
	Goodrich Aerospace Services Pvt. Ltd., Bangalore	06.06.2014	3
66	Green Brilliance Energy Pvt. Ltd., Vadodara	23.05.2015	4
67	Halonix Technologies Pvt. Ltd., Haridwar	17.03.2016	1
68	HD Medical Services (India) Pvt. Ltd., Bangalore	21.08.2014	1
69	Highline Engineers, Visakhapatnam	11.03.2016	1
70	Hindustan Aeronautics Ltd., Bangalore	12.09.2014	3



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72	Hindustan Aeronautics Ltd., Hyderabad	07.03.2015	1
73	Hindustan Aeronautics Ltd., Korwa	15.04.2015	6
74	Honeywell Technology Solutions Lab Pvt. Ltd., Bangalore	19.06.2014	1
78	HPL Electric & Power Pvt. Ltd., Sonapat	13.12.2013	1
	HPL Electric & Power Pvt. Ltd., Sonapat	19.07.2014	1
	HPL Electric & Power Pvt. Ltd., Sonapat	29.08.2014	1
	HPL Electric & Power Pvt. Ltd., Sonapat	13.06.2015	3
	HPL Electric & Power Pvt. Ltd., Sonapat	09.08.2015	20
	HPL Electric & Power Pvt. Ltd., Sonapat	12.01.2016	5
79	IE Power Technologies Pvt. Ltd., Bangalore	01.07.2015	2
80	Indian Institute of Science, Bangalore	16.12.2014	1
81	Indian Institute of Technology, Chennai	19.01.2015	2
82	IND Micro Devices, Kolkata	22.02.2016	2
83	Instruments Research Associates Pvt. Ltd., Bangalore	30.03.2016	2
84	Jassi Electronics	27.06.2014	1
85	Jyoti Electrocom, Kolkata	31.12.2015	1
86	KC Electro Lab	19.01.2015	1
87	Kaizan Switchgear Products, Vadodara	30.08.2013	1
	Kaizan Switchgear Products, Vadodara	30.12.2013	1
88	Kalika Electricals & Electronics, Delhi	03.02.2016	1
89	Koti Systems, Bangalore	17.07.2013	2
90	Krishna Traders, Amritsar	21.02.2014	1
91	Army Workshop Patiala thru Lalit Gases, Patiala	29.01.2014	1
92	Larsen & Toubro Ltd., Mysore	16.04.2013	10
	Larsen & Toubro Ltd., Mysore	01.09.2014	20
	Larsen & Toubro Ltd., Mysore	18.11.2014	8
	Larsen & Toubro Ltd., Mysore	23.12.2014	10
	Larsen & Toubro Ltd., Mysore	02.04.2015	12
	Larsen & Toubro Ltd., Mysore	08.07.2015	18
93	Lineage Power (I) Pvt. Ltd., Bangalore	27.11.2014	3
	Lineage Power (I) Pvt. Ltd., Bangalore	07.05.2015	3
	Lineage Power (I) Pvt. Ltd., Bangalore	29.05.2015	3
	Lineage Power (I) Pvt. Ltd., Bangalore	05.02.2016	15





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	Luminous Power Technologies Pvt. Ltd., Baddi	06.10.2015	7
	Luminous Power Technologies Pvt. Ltd., Baddi	15.02.2016	15
95	Melange Systems Private Ltd.-Bangalore	24.02.2016	1
96	Master Control Facility, Hasan	02.01.2014	2
97	Methode Electronics India Pvt. Ltd., Bangalore	17.04.2013	3
98	Mettwa Electricals & Appliances Pvt. Ltd., Delhi	20.10.2015	2
99	Mikronix Gauges Pvt. Ltd., Aurangabad	20.01.2016	1
100	Modern Hi-Tech Systems, Chandigarh	12.07.2013	1
101	Modi International, Guwahati	27.09.2014	1
102	Molex India Pvt. Ltd., Bangalore	14.08.2014	5
	Molex India Pvt. Ltd., Bangalore	27.11.2014	3
103	Motherson Sumi Systems Ltd., Faridabad	19.03.2016	1
104	Mr. Karan Sekhri, Jammu	21.06.2013	1
	Mr. Karan Sekhri, Jammu	21.11.2014	1
105	Army Workshop Jammu thru Mr. Pradeep Kumar, Pathankot	30.08.2013	2
	Army Workshop Jammu thru Mr. Pradeep Kumar, Pathankot	18.10.2014	2
	Army Workshop Jammu thru Mr. Pradeep Kumar, Pathankot	04.11.2014	3
106	Mr. Prasanth Nair, Nellore	23.12.2013	1
107	Mr. Venkat, Bangalore	01.10.2013	1
	Mr. Venkat, Bangalore	08.10.2013	1
108	Mr. Vikas, Chandigarh	01.08.2013	1
	Mr. Vikas, Chandigarh	26.11.2015	1
109	MRO-TEK Limited, Bangalore	18.12.2014	3
110	Multilink, Mysore	11.11.2013	2
	Multilink, Mysore	08.01.2014	2
	Multilink, Mysore	11.06.2014	1
	Multilink, Mysore	12.08.2015	1
111	Next Generation Systems	09.10.2014	2
112	NTEX Marketing	02.12.2014	1
113	Orange Sorting Machines India Pvt. Ltd., Coimbatore	31.10.2013	1
114	Panacea Medical Technologies Pvt. Ltd., Karnatka	13.08.2014	1
115	Paras Wires Private Ltd., Bangalore	18.07.2013	1
116	Pavan Supply Corporation, Assam	05.10.2013	2



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	Pavan Supply Corporation, Assam	07.07.2014	7
117	Perto India Pvt. Ltd.	03.04.2014	1
118	Phoenix Contact India Pvt. Ltd., Palwal	29.12.2014	2
119	Power & Controls, Kolkata	17.09.2013	2
120	PRADEEP KUMAR, Ludhiana	04.07.2014	1
	PRADEEP KUMAR, Ludhiana	10.09.2015	2
121	Premier Electronics	12.06.2015	1
122	Pushwinder Singh	27.02.2014	1
123	Proteck Machinery Pvt. Ltd., Chennai	10.02.2016	1
124	Rainbow Denim Limited, Lalru	17.04.2015	1
125	Mazagaon Dock Ltd. thru Rajshree Electro-System, Thane	15.01.2015	10
126	BARC thru Rajshree Electro-Systems, Thane	21.05.2015	9
127	Rajshree Electro-Systems, Thane	27.02.2016	1
128	Rangsons Electronics Pvt. Ltd., Mysore	14.05.2013	5
	Rangsons Electronics Pvt. Ltd., Mysore	21.09.2013	6
	Rangsons Electronics Pvt. Ltd., Mysore	26.12.2013	3
	Rangsons Electronics Pvt. Ltd., Mysore	20.02.2014	4
	Rangsons Electronics Pvt. Ltd., Mysore	18.10.2014	5
	Rangsons Electronics Pvt. Ltd., Mysore	29.10.2014	5
129	Rensyn Green Energy Private Limited, Udaipur	06.10.2014	1
130	Revon Computer, Chandigarh	14.07.2014	1
131	RK Fabricators, Bangalore	11.08.2014	1
132	RIZZIN Technology Pvt. Ltd., Bangalore	21.05.2015	1
	RIZZIN Technology Pvt. Ltd., Bangalore	03.09.2015	1
133	Sambe Electronics Pvt. Ltd., Nashik	14.06.2013	1
	Sambe Electronics Pvt. Ltd., Nashik	02.07.2013	1
	Sambe Electronics Pvt. Ltd., Nashik	05.02.2016	10
134	Sangeeta Electronics, Chandigarh	02.07.2015	1
135	Saurer Textile Solutions Pvt. Ltd., Ahmedabad	29.08.2014	2
	Saurer Textile Solutions Pvt. Ltd., Ahmedabad	27.09.2014	2
	Saurer Textile Solutions Pvt. Ltd., Ahmedabad	27.12.2014	4
136	Saurer Textile Solutions Private Limited, Mohali	27.12.2014	6
137	Saurer Textile Solutions Pvt. Ltd., Coimbatore	12.12.2015	3





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139	Shiv Nadar University, UP	09.05.2014	1
140	Shree Pacetronic Ltd., Pithampur	08.01.2016	2
141	Society for Integrated Circuit Technology, Bangalore	10.05.2014	1
142	Solana Solar Power, Bangalore	30.03.2015	10
143	Air Force Station Chandigarh thru Synergy Enterprises, Chandigarh	26.06.2014	5
	Air Force Station Chandigarh thru Synergy Enterprises, Chandigarh	22.08.2014	1
144	Solid State Physics Lab, Delhi	08.08.2013	1
145	SFO Technologies Pvt. Ltd., Kerala	06.12.2013	3
146	Solphin India Pvt. Ltd., Faridabad	01.04.2013	1
147	SPM Systems, Gandhinagar	23.11.2013	1
148	S.S Global Solutions	20.06.2015	1
	S.S Global Solutions	28.01.2016	1
149	Teknix Electronics, Calicut	06.06.2014	1
150	Titan Company Ltd., Bangalore	29.02.2016	1
151	Transducers & Allied Products, Bangalore	25.11.2014	2
152	Triphase Technologies Pvt. Ltd., Parwanoo	29.05.2013	4
	Triphase Technologies Pvt. Ltd., Parwanoo	07.01.2015	10
153	TSI Elecpower Pvt. Ltd., Vadodara	21.01.2016	2
154	Unique Communication & Traders, Arunachal Pradesh	17.04.2015	5
155	Versabyte Data Systems Pvt. Ltd., Bangalore	28.05.2015	3
	Versabyte Data Systems Pvt. Ltd., Bangalore	21.07.2015	5
156	V-Guard Industries Limited, Cochin	18.03.2015	1
157	Vinyas Innovative Technologies Pvt. Ltd., Mysore	10.09.2014	18
	Vinyas Innovative Technologies Pvt. Ltd., Mysore	14.10.2014	5
	Vinyas Innovative Technologies Pvt. Ltd., Mysore	04.11.2014	5
	Vinyas Innovative Technologies Pvt. Ltd., Mysore	04.11.2015	8
	Vinyas Innovative Technologies Pvt. Ltd., Mysore	26.11.2015	9
158	Volvo India Pvt. Ltd., Bangalore	30.08.2014	1
159	Wylie Indicators Limited, Ghaziabad	12.02.2014	1
	Wylie Indicators Limited, Ghaziabad	24.07.2015	2
160	Yokogawa India Ltd., Bangalore	12.02.2016	2