

# EDSY INC<sup>®</sup>

# 1036DX ATMOSCOPE<sup>®</sup>

*self-contained*  
Deluxe SMD HOT AIR  
WORK STATION

• COMPLIES WITH MIL-S-45743E, MIL-STD-2000, DOD-STD-2000-1B,  
WS6536E AND ESD SPEC, DOD-STD-1686, DOD-HDBK-263

• UL listed 



MADE  
IN  
U.S.A.



Pick-up Tool



SMD Hot Air

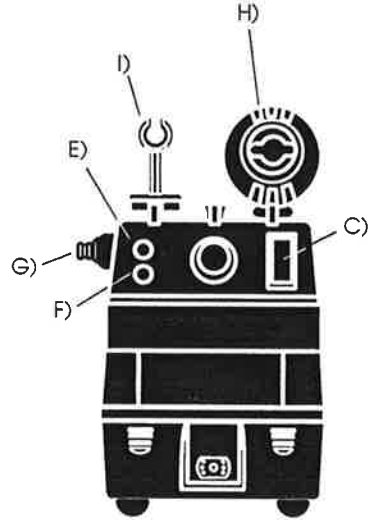
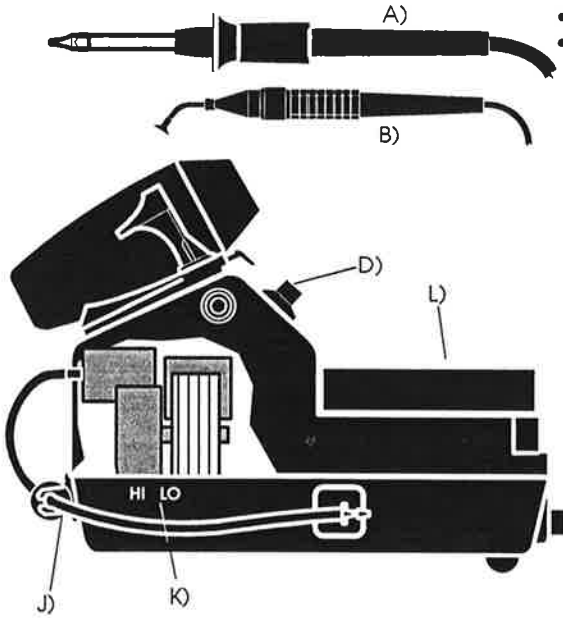


Soldering

instruction manual

# FEATURES

- 120V input, 24V output, 50 W Tool.
- 400°F - 800°F Temp range.
- Low Static construction.
- Self-Contained Unit.



- A) Hot Air & Contact Soldering Tool.
- B) LP250 Pick-Up Tool.
- C) Power Switch, Pump and Heater.
- D) Temperature Control Knob
- E) Pump LED.
- F) Heater Cycle LED
- G) Pump Switch & Regulator
- H) PD533 Tool Pod.
- I) PD532 Pod for Pick-up Tool.
- J) AF110 Filter.
- K) Set Pot, Temp. Calibration.
- L) RS199 Cleaning Sponge.
- M) Vacuum, connect to LP250.

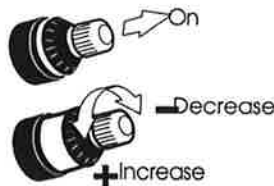
Pour water on **RS199** to moisten it completely. **DO NOT OVERFILL.**



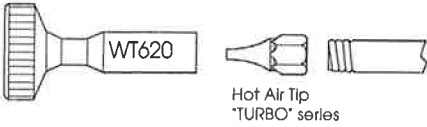
# OPERATION

1. Turn on Power Switch (C).
2. Set Temperature Control Knob (D) to desired temperature.
3. Pull out Air Switch (G).
4. Turn Air Knob to set to desired air flow.

**IMPORTANT:** In case you remove the Air Knob, make sure the valve is shut off and turned fully clockwise before reinstalling.

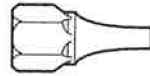


# CHANGING HOT AIR TIP

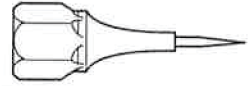


1. MAKE SURE YOUR TOOL IS COOL!
2. Using a WT620, turn the **Tip or Retaining Nut (if applicable)** counter-clockwise to remove.
3. Install new Tip.

## "TURBO" Hot Air Tip



<b>LU25</b>	Small	.03 (.8 mm) Hole Dia.
<b>LU26</b>	Medium	.04 (1.0 mm) Hole Dia.
<b>LU27</b>	Large	.07 (1.7 mm) Hole Dia.
<b>LU28</b>	X-Large	.09 (2.3 mm) Hole Dia.
<b>LU30</b>	Hot Air Tooth Pick Needle Laminar flow for very fine soldering & clearing solder bridges.	



## LU572

"DUAL-FLOW ADJUSTABLE"  
Hot Air Tip  
Hole Dia. = .04 (1.0 mm)



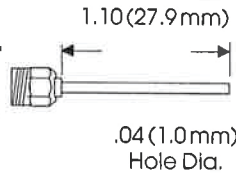
## WT622 (optional)

With a Bending Tool the Nozzles of **Dual Flow Adjustable & Long Flow Bendable Tips** can be adjusted to direct hot air to accommodate most SMD sizes.



## LU571

"LONG-FLOW BENDABLE"  
Hot Air Tip  
Hole Dia. = .04 (1.0 mm)



## SET-UP

Hot Air Tip- "TURBO" series



Hot Air Tip- "LONG FLOW BENDABLE" series



Hot Air Tip- "DUAL FLOW ADJUSTABLE" series



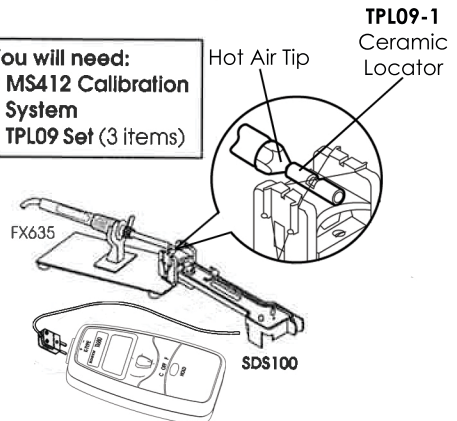
## TEMPERATURE CALIBRATION (Hot Air Soldering)

FOLLOW SET-UP AS ILLUSTRATED

1. With the Hot Air Tip inside the **TPL09-1**, place the center of the thermocouple wire of the **SDS100** inside the slot of **TPL09-1** Locator.
2. Turn on power and set Temperature Control Knob to 400°F.
3. Turn Air Knob to desired airflow.
4. Adjust LO-Temp. Calibration Pot so the Meter will read 400°F.
5. Set Temperature Control Knob to 800°F.
6. Adjust HI-Temp. Calibration Pot so the Meter will read 800°F.

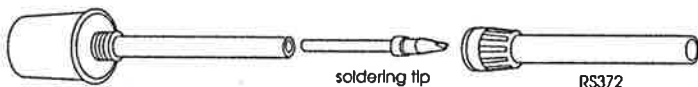
You will need:

- MS412 Calibration System
- TPL09 Set (3 items)



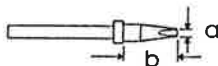
## CHANGING TIP

1. MAKE SURE YOUR TOOL IS COOL!
2. Turn RS372 counter-clockwise to remove.
3. Remove old Soldering Tip.
4. Insert new Tip.
5. Install RS372, (should be "finger" tight only.)



## SOLDERING TIPS

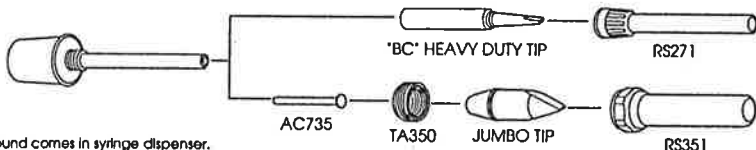
Iron Plated for long life • Nickel and Chrome Plated for optimum heat transfer  
CONTACT EDSYN FOR MORE SELECTIONS



			a	b
	LT374	Standard Probe	.03 (0.8 mm)	.48 (12.2 mm)
	LT375	Standard Spade	.06 (1.5 mm)	.48 (12.2 mm)
	LT392	Extra-Long Needle Point	.02 (0.5 mm)	1.13 (28.8 mm)
	LT394	Extra-Long Spade	.07 (2.0 mm)	.93 (23.6 mm)
	LT446	SMD Probe	.03 (0.8 mm)	.48 (12.2 mm)
	LT337BC	Heavy Duty Terminal Spade	.10 (2.5 mm)	.74 (18.8 mm)
	LT223BC	Heavy Duty Fine Spade	.06 (1.5 mm)	1.21 (30.7 mm)
	LT222BC	Extra long Needle Point	.04 (1.0 mm)	1.21 (30.7 mm)
	LT153BH	Jumbo Spade	.20 (4.9 mm)	.93 (23.6 mm)
	LT155BH	Jumbo Angle Spade	.32 (8.3 mm)	.97 (21.1 mm)

## SET-UP & REQUIRED ACCESSORIES FOR HEAVY DUTY AND JUMBO TIPS

Apply AN112 or AN122\* Anti-Seize Compound to Heater and area of Tip contact.

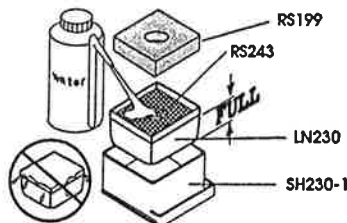


\*AN122 Anti-Seize Compound comes in syringe dispenser.

## MAINTENANCE

### • Replace RS199 Cleaning Sponge

1. Fill water only up to the top of the RS243 Leveling Pad.
2. Depress RS199 to moisten it completely.

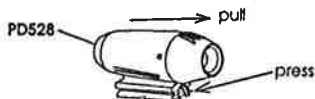


### CAUTION:

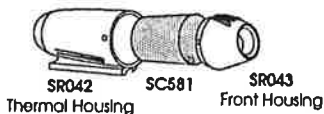
Over-filling can cause thermal shock to the tip or heating element during tip cleaning.

### • Replace SC581 Solder Collector

1. Hold the Housing firm and turn Cap counter-clockwise and pull it away from the Housing.
2. Remove used SC581 and replace with a new one.
3. Reassemble Pod with TOP of the Cap in proper position.



To replace Pod, press Release Tab and slide out Pod.



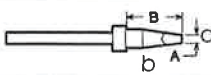




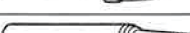





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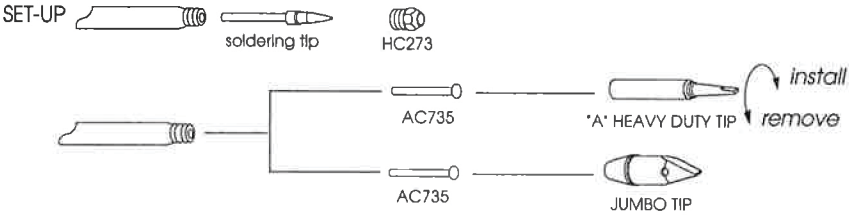




# CONTACT SOLDERING TIPS

Apply AN112 or AN122 Anti-Selze Compound to Heater and area of Tip contact. AN122 Anti-Selze Compound comes in syringe dispenser.

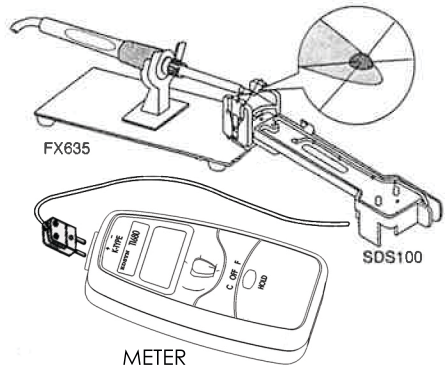
SOLDERING TIPS				a	b
	LT374 Standard Probe	.03 (0.8 mm)	.48 (12.2 mm)		
	LT375 Standard Spade	.06 (1.5 mm)	.48 (12.2 mm)		
	LT392 Extra-Long Needle Point	.02 (0.5 mm)	1.13 (28.8 mm)		
	LT394 Extra-Long Spade	.07 (2.0 mm)	.93 (23.6 mm)		
	LT446 SMD Probe	.03 (0.8 mm)	.48 (12.2 mm)		
	LT337A Heavy Duty Terminal Spade	.10 (2.5 mm)	.74 (18.8 mm)		
	LT223A Heavy Duty Fine Spade	.06 (1.5 mm)	1.21 (30.7 mm)		
	LT222A Extra long Needle Point	.04 (1.0 mm)	1.21 (30.7 mm)		
	LT153AH Jumbo Spade	.20 (4.9 mm)	.93 (23.6 mm)		
	LT155AH Jumbo Angle Spade	.32 (8.3 mm)	.97 (21.1 mm)		



## TEMPERATURE CALIBRATION (Contact Soldering)

AIR MOVEMENT WILL AFFECT THE TEMPERATURE READING.  
WORK IN AN AREA WHERE THIS IS MINIMAL.

1. Turn on power and set Temperature Control Knob to 205°C.
2. Using a clean and well tinned Tip, apply a small amount of solder on the Tip, just enough to form a bead on top of the Tip.
3. Place the center of the thermocouple wire of the SDS100 on top of the bead.
4. Again, apply a small amount of solder on the center of the thermo-couple wire, just enough to embed the center.
5. Adjust LO-Temp. Set Pot so the Meter will read 205°C.
6. Set Temperature Control Knob to 427°C.
7. Adjust Hi-Temp. Set Pot so the Meter will read 427°C.

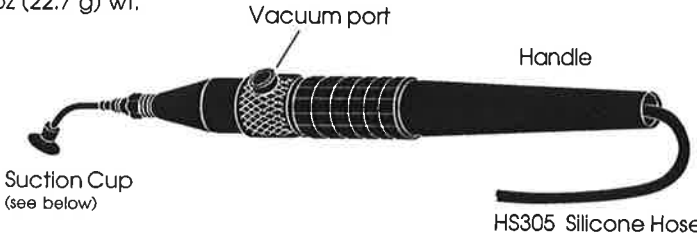






# LP250

## Lifting Pencil

.81 oz (22.7 g) wt.

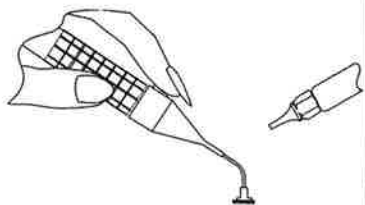
**POWER REQUIREMENTS:**  
 Vacuum, 5" - 22" Hg  
 (.17 - .74 Bar) (.17 - .75 kg/cm<sup>2</sup>)



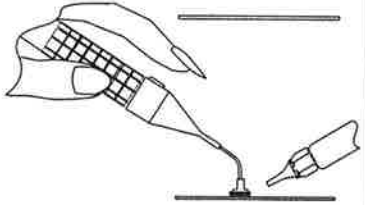
Suction Cups	face size
<b>SPS12</b> Low Static 	1/8" Dia.
<b>SP125</b> Low Static 	1/8" Dia.
<b>SP250</b> Low Static 	1/4" Dia.
<b>SP375</b> Disk (optional) 	3/8" Dia.
<b>LN275</b> Lifting Needle (w/ HC273) 	.07 O.D

**FOLLOW THESE TECHNIQUES WHEN USING LP250**

**PICK**  
 Cover the Vacuum Port to pick up SMD.

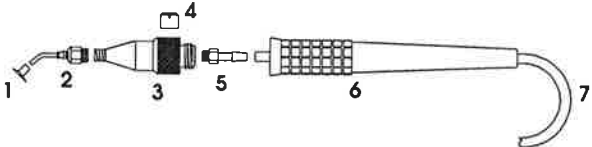


**PLACE**  
 Direct Hot Airtowards the SMD leads to reflow the solder.



Move Hot Air Tool away from SMD but hold SMD in place until solder solidifies.

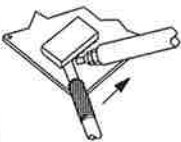
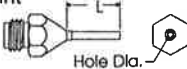



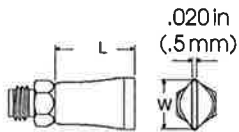
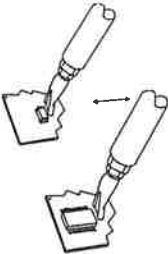
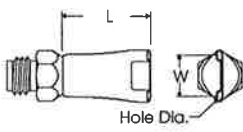
*To remove SMDs:  
 Do PLACE technique.  
 Once the solder reflows,  
 Do PICK technique.*



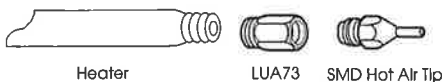
ITEM NO.	PART NO.	DESCRIPTION	QTY REQ'D
1	<b>SP250</b>	Suction Cup, 1/4 Dia.	1
2	<b>LN276</b>	Lifting Needle	1
3	<b>SR736</b>	Head Piece, Threaded	1
4	<b>SR528</b>	Vacuum Port Assy.	1
5	<b>SR261</b>	Fitting, Male Barbed	1
6	<b>SR529</b>	Handle	1
7	<b>HS305</b>	Hose, 3/32 ID, Silicon, Low Static	36"

## SMD Hot Air Tips

LUA73 Tip Adapter required

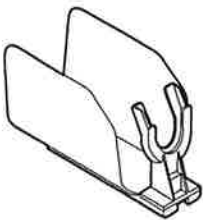
Application	Description	Part No.	Hole Dia.	L	W
	<b>Jet Tip</b> for pin point air flow. 	<b>LT427</b>	.02 in. 1/64 in. (0.6 mm)	.38 in. 3/8 in. (9.5 mm)	—
	<b>Short Jet Tip</b> for medium air 	<b>LT342</b>	.04 in. 3/64 in. (0.9 mm)	.06 in. 1/16 in. (1.5 mm)	—
	<b>Turbo Flow</b> for large air flow. 	<b>LT428</b>	.06 in. 1/16 in. (1.5 mm)	.25 in. 1/4 in. (6.4 mm)	—
	<b>Fan Tips</b> use a wide air flow enough to cover one whole side of the SMD. 	<b>LT426</b>	—	.30 in. 5/16 in. (7.6 mm)	.17 in. 3/16 in. (4.3 mm)
		<b>LT434</b>	—	.46 in. 15/32 in. (11.7 mm)	.23 in. 15/64 in. (5.7 mm)
		<b>LT435</b>	—	.59 in. 19/32 in. (14.9 mm)	.35 in. 3/8 in. (8.9 mm)
		<b>LT436</b>	—	.65 in. 21/32 in. (16.5 mm)	.43 in. 7/16 in. (10.8 mm)
	<b>Dual Flow Tips</b> blow hot air on both sides of the SMD, not on the SMD. 	<b>LT526</b>	.03 in. 1/32 in. (0.8 mm)	.30 in. 5/16 in. (7.6 mm)	.12 in. 1/8 in. (3.2 mm)
		<b>LT534</b>	.05 in. 3/64 in. (1.2 mm)	.46 in. 15/32 in. (11.7 mm)	.20 in. 13/64 in. (5.1 mm)
		<b>LT535</b>		.59 in. 19/32 in. (14.9 mm)	.28 in. 17/64 in. (7.0 mm)
		<b>LT536</b>		.65 in. 21/32 in. (16.5 mm)	.35 in. 23/64 in. (8.9 mm)

### Set-Up

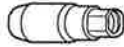


# SMD Hot Air Quadra-Flow Tips

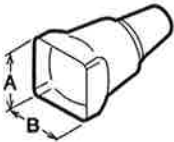
• WILL NEED LUA21 TIP ADAPTER



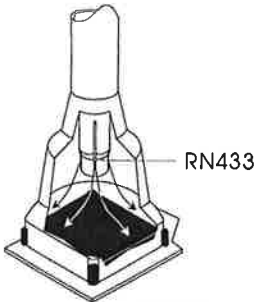
ALWAYS USE PD529 or PD529A (no shield) TOOL PODS



Fractional dimensions are approx.



Quadra-Flow Tips create an "oven-like" condition around the SMD.



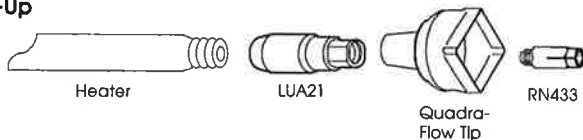
Slotted corners (LT459-1)

Use WT620 Tip Wrench to install Tips with RN432 or RN433



PART NO.	A x B		FITS PACKAGE (for reference only)
	(in.)	(mm)	
<b>LT448*</b>	.21 x .35 7/32 x 11/32	5.3 x 8.9	SO-14
<b>LT483*</b>	.25 x .43 1/4 x 7/16	6.4 x 10.9	Ceramic DIP 16
<b>LT489</b>	.25 x .78 1/4 x 25/32	6.4 x 19.8	
<b>LT449</b>	.26 x .41 1/4 x 13/32	6.6 x 10.4	SO-16
<b>LT480</b>	.31 x .52 5/16 x 33/64	7.9 x 13.2	LCCC-22R
<b>LT478</b>	.32 x .45 5/16 x 29/64	8.0 x 11.4	LCCC-18R
<b>LT462</b>	.34 x .55 11/32 x 35/64	8.7 x 13.9	PLCC-18
<b>LT470*</b>	.36 x .36 23/64 x 23/64	9.2 x 9.2	LCCC-20
<b>LT487</b>	.36 x .60 23/64 x 39/64	9.1 x 15.2	
<b>LT452</b>	.38 x .52 3/8 x 33/64	9.5 x 13.2	SO-20L
<b>LT481</b>	.38 x .58 3/8 x 37/64	9.5 x 14.6	LCCC-28R
<b>LT455</b>	.40 x .40 13/32 x 13/32	10.2 x 10.2	PLCC-20
<b>LT486</b>	.40 x .60 13/32 x 13/64	10.2 x 15.3	
<b>LT484</b>	.40 x .79 13/32 x 51/64	10.2 x 10.2	SOJ-20
<b>LT450</b>	.42 x .43 7/16 x 7/16	10.7 x 10.9	SO-16L
<b>LT454</b>	.43 x .73 7/16 x 18.6	10.9 x 18.6	SO-28L
<b>LT451</b>	.44 x .48	11.2 x 12.2	SO-18L

## Set-Up



cont.

## SMD Hot Air Quadra-Flow Tips

The bigger the Quadra-flow Tip, the more airflow and higher temperature are needed.

Fractional dimensions are approx.

PART NO.	A x B		FITS PACKAGE (for reference only)
	( in. )	( mm )	
<b>LT493</b>	<b>.45 x .85</b> 29/64 x 55/64	11.3 x 21.6	SOJ-32
<b>LT494</b>	<b>.45 x 1.05</b> 29/64 x 13/64	11.4 x 26.7	SOJ-40
<b>LT482</b>	<b>.47 x .58</b> 15/32 x 37/64	11.9 x 14.6	LCCC-32R
<b>LT472S</b>	<b>.48 x .48</b> 31/64 x 31/64	12.2 x 12.2	
<b>LT472</b>	<b>.49 x .49</b> 1/2 x 1/2	12.4 x 12.4	LCCC-28
<b>LT456</b>	<b>.50 x .50</b> 1/2 x 1/2	12.7 x 12.7	PLCC-28
<b>LT485</b>	<b>.52 x .64</b> 33/64 x 44/64	13.2 x 16.2	
<b>LT463</b>	<b>.60 x .60</b> 39/64 x 39/64	15.2 x 15.2	
<b>LT468**</b>	<b>.66 x .90</b> 21/32 x 29/32	16.8 x 22.9	QFP-100
<b>LT458**</b>	<b>.70 x .70</b> 45/64 x 45/64	17.8 x 17.8	PLCC44 LCCC-44
<b>LT491**</b>	<b>.71 x .94</b> 23/32 x 15/16	18.0 x 23.9	
<b>LT477**</b>	<b>.75 x 1.00</b> 1/4 x 1	19.0 x 25.4	LCCC-84
<b>LT459**</b>	<b>.80 x .80</b> 51/64 x 51/64	20.3 x 20.3	PLCC-52
<b>LT459-1</b>	Slotted Corners (slot size: 0.125 x 200 depth)		
<b>LT492**</b>	<b>.85 x .85</b> 55/64 x 55/64	21.6 x 21.6	
§ <b>LT460**</b>	<b>1.0 x 1.0</b> 1 x 1	25.4 x 25.4	PLCC-68
§ <b>LT460-1</b>	Slotted Corners		
§ <b>LT488**</b>	<b>1.17 x 1.17</b> 111/64 x 111/64	29.7 x 29.7	QFP-144

\*RN432 not required in Application set up

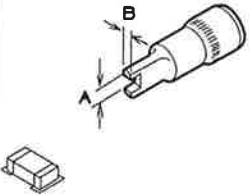
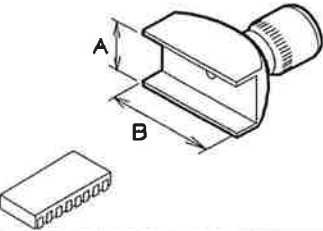
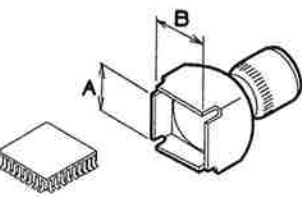
\*\*Comes w/ RN433

§ Will work better if Tool uses high air output (regulated shop-air). May need to preheat PCB with hot plates.

# CROWN Tips™ Can be used for both Contact and Hot Air Soldering

Medium Life, for best results, use at lowest possible temperature.

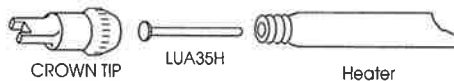
**MUST BE USED WITH HEAT ACCUMULATORS (see below).**

CROWN FORK Use LUA35H Heat Accumulator	P.N.	A" x B" (mm x mm)	SMD Package
	<b>CT12</b>	.068 x .100 (1.73 x 2.29)	SOT-23
	<b>CT21</b>	.090 x .060 (2.29 x 1.52)	805
	<b>CT25</b>	.105 x .210 (2.68 x 5.33)	SOT-89
	<b>CT31</b>	.135 x .070 (3.43 x 1.78)	1206, 1210
	<b>CT42</b>	.190 x .090 (4.83 x 2.29)	1808, 1812
	<b>CT52</b>	.199 x .100 (5.06 x 2.54)	
	<b>CT53</b>	.225 x .140 (5.72 x 3.51)	
CROWN TUNNEL Use LUA35H Heat Accumulator	P.N.	A" x B" (mm x mm)	SMD Package
	<b>CT504</b>	.200 x .180 (5.08 x 4.57)	SO-8
	<b>CT510</b>	.200 x .410 (5.08 x 10.41)	SO-14, -16
	<b>CT711</b>	.270 x .450 (6.86 x 11.43)	SOMC-16
	<b>CT919</b>	.340 x .740 (8.64 x 18.80)	SOJ-28
	<b>CT113</b>	.375 x .520 (9.52 x 13.21)	SO-20
	<b>CT116</b>	.375 x .620 (9.52 x 15.75)	SO-24
	<b>CT118</b>	.375 x .720 (9.52 x 18.29)	SO-28
CROWN QUAD Use LUA35H Heat Accumulator	P.N.	A" x B" (mm x mm)	SMD Package
	<b>CT0808</b>	.314 x .314 (7.98 x 7.98)	
	<b>CT1010</b>	.404 x .404 (10.26 x 10.26)	PLCC-20
	<b>CT1616</b>	.640 x .640 (16.26 x 16.26)	44-QFP
	<b>CT1818</b>	.704 x .704 (17.88 x 17.88)	PLCC-44
	<b>CT2020</b>	.805 x .805 (20.45 x 20.45)	PLCC-52
	<b>CT2626</b>	1.005 x 1.005 (25.53 x 25.53)	PLCC-68

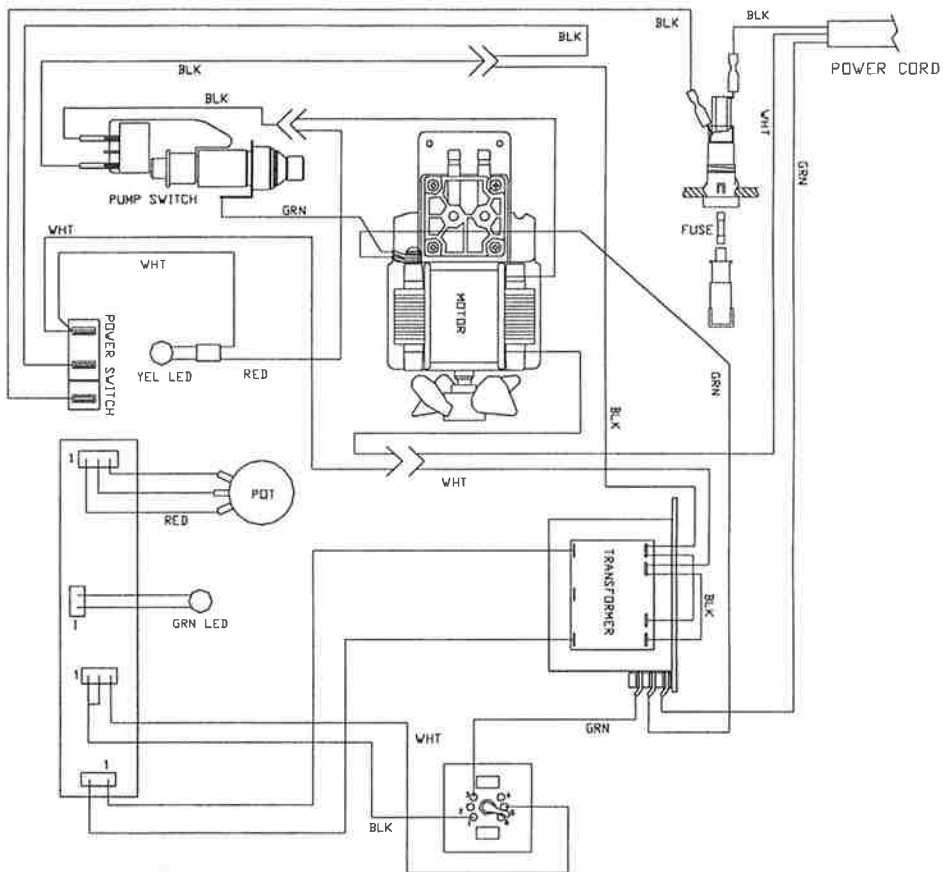


**LUA35H** Heat Accumulator  
for both Contact and Hot  
Air Soldering.

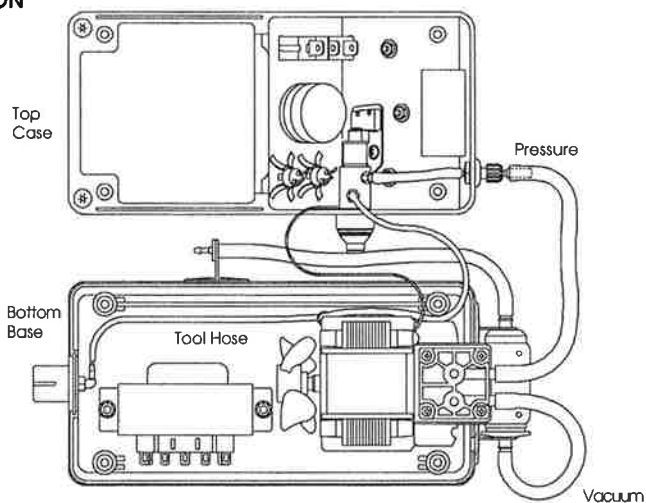
### Set-up



# WIRING DIAGRAM

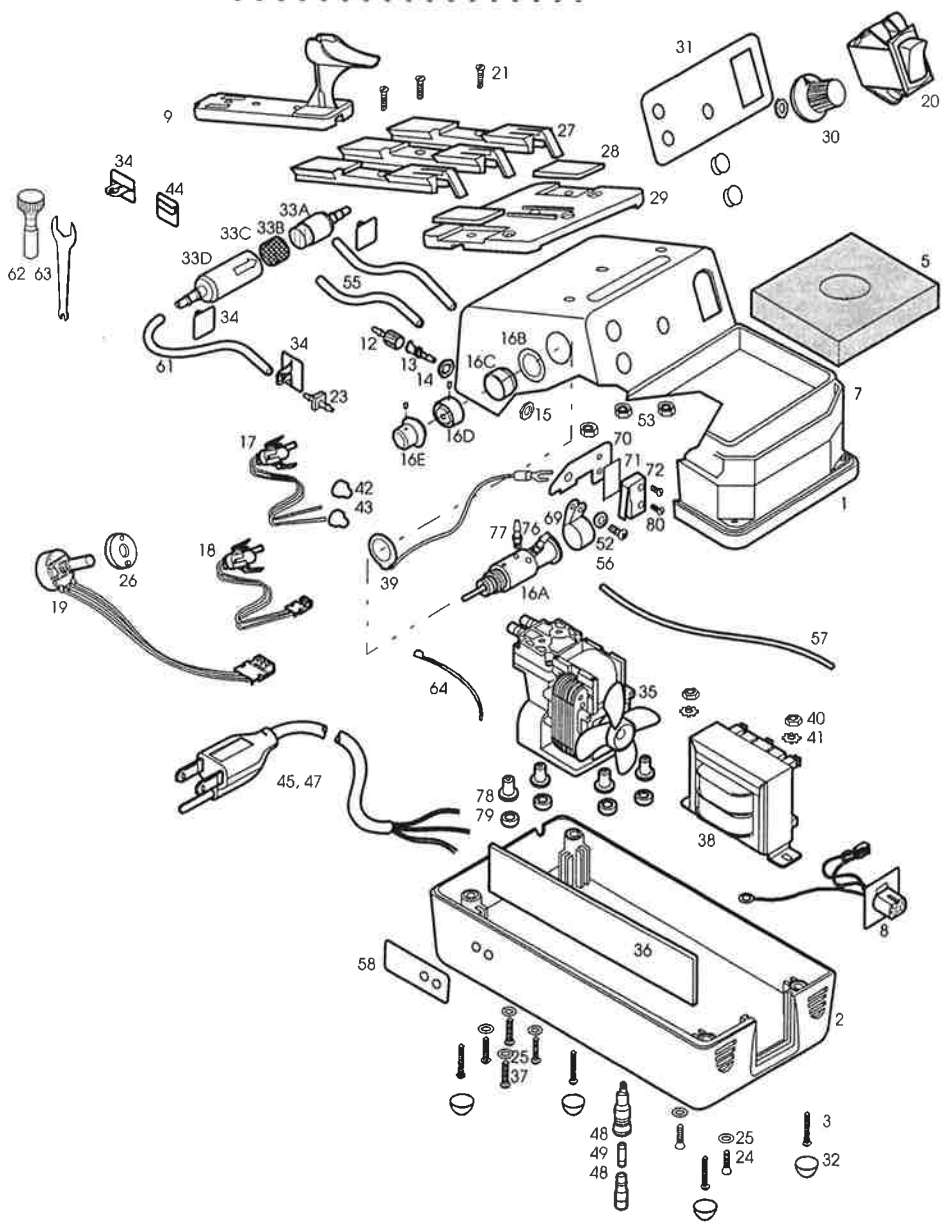
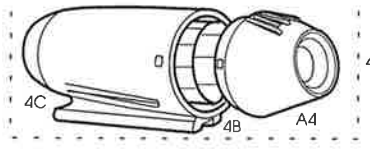


# HOSE CONNECTION





# 1036DX SPARE PARTS LIST

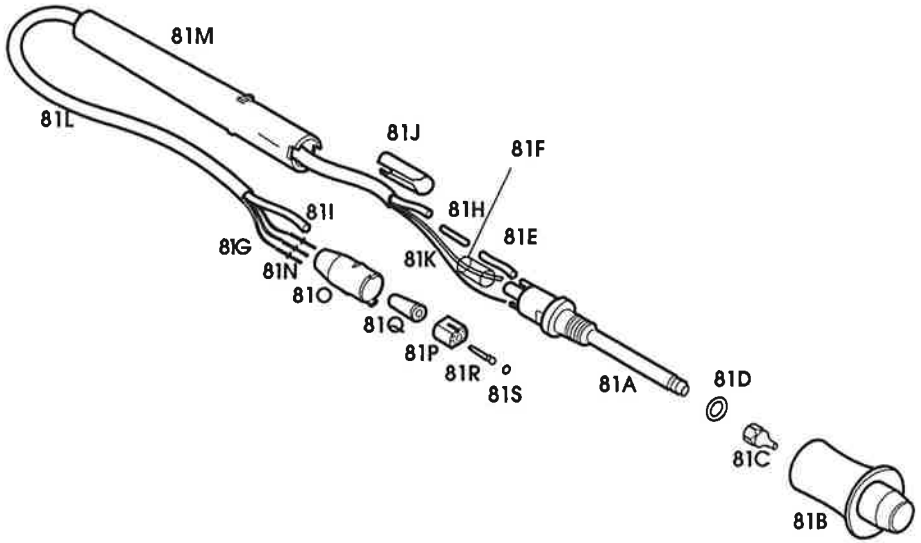


ITEM NO.	PART NO.	DESCRIPTION	QTY REQ'D
1	<b>SR483</b>	Top Cover, Power Supply	1
2	<b>SR484</b>	Bottom Base, Power Supply	1
3	<b>SR011</b>	Screw, Round Head, Phillips, Self-Tapping	4
4	<b>PD533</b>	Tool Pod	1
4A	<b>SR457</b>	Front Housing	1
4B	<b>SR531</b>	Housing	1
4C	<b>SR532</b>	Label for Tool Pod	1
5	<b>RS199</b>	Cleaning Sponge	1
7	<b>SH232</b>	Sponge Holder	1
8	<b>SR651</b>	Connector Assembly	1
9	<b>PD532</b>	Tool Holder for Pick-Up Tool	1
12	<b>SR486</b>	Fitting, Male Luer, for 1/8 ID Hose	1
13	<b>SR275</b>	Fitting, Female Luer, 1/8 ID	1
14	<b>SR279</b>	Color Code Ring For Quick Disconnect	1
15	<b>SR274</b>	Nut, for Female Luer	1
16A*	<b>SR530</b>	Housing & Needle Sub-Assy.	1
16B*	<b>SR506</b>	Flat Washer	1
16C*	<b>SR507</b>	Flange Nut	1
16D*	<b>SR508</b>	Retaining Cap	1
16E*	<b>SR509</b>	Control Knob w/ Graduated Dial	1
17	<b>SR197</b>	LED Assy. Yellow	1
18	<b>SR246</b>	LED Assy. Green	1
19	<b>SR243</b>	Potentiometer Assy.	1
20	<b>SR065</b>	Power Switch	1
21	<b>SR488</b>	Screw, Flat Head, Phillips	3
23	<b>HB356</b>	Fitting, Male, for 1/8 ID. Hose	1
24	<b>SR144</b>	Screw, Round Head, Slotted	2
25	<b>SR016</b>	Washer, Flat, #6	6
26	<b>SR255</b>	Spacer, for Potentiometer Assy.	1
27	<b>SR019</b>	Dovetail	1
28	<b>SR036</b>	Shelf Plate Riser	2
29	<b>SR035</b>	Adapter Plate	1
30	<b>SR045</b>	Knob, Temperature Control	1
31	<b>SR490</b>	Label, Front Panel	1
32	<b>SR251</b>	Bumper	1
33A**	<b>SR266</b>	End Cap	1
33B**	<b>AF629</b>	Felt Filter	1
33C**	<b>AF040</b>	Foam Filter	1
33D**	<b>SR533</b>	Barrel, Clear, for AF110	1
34	<b>SR439</b>	Holder, Clip	1
35	<b>SR737</b>	Motor/Pump, 120V	1
36	<b>5242W53H9</b>	PCB Assy. 24V, 2-Wire	1
37	<b>SR468</b>	Screw, Round Head, Phillips	4
38	<b>SR539</b>	Transformer, Dual Primary	1
39	<b>SR492</b>	Wire Assy. Ground Lug	1
40	<b>SR017</b>	Nut, Hex, 6-32	3

ITEM NO.	PART NO.	DESCRIPTION	QTY REQ'D
41	<b>SR139</b>	Washer, #6, Lock, External Tooth	3
42	<b>SR493</b>	Crimp, Closed End, 22 - 18 AWG	1
43	<b>SR494</b>	Crimp, Closed End, 16 - 14 AWG	2
44	<b>SR416</b>	Holder, Tip Wrench Hanger	1
45	<b>SR026</b>	Power Cord only	1
47	<b>SR354</b>	Power Cord Assy. w/ connectors	1
48	<b>SR569</b>	Fuse Holder	1
49	<b>SR569</b>	Fuse, 3.15A	1
52	<b>SR431</b>	Washer, #10, Flat	1
53	<b>SR467</b>	Nut, Square Cone	3
55	<b>HS307</b>	Hose, 1/8 ID. Silicon, Low Static (sold per foot)	2@
		4" and 6"	
56	<b>SR518</b>	Screw, Pan Head, Phillips	1
57	<b>HS308</b>	Hose, 3/32 ID. Polyurethane (sold per foot)	12"
58	<b>SR310</b>	Label, Temp. Calibration	1
61	<b>HL603</b>	Hose, 3/16 ID. Silicon, Low Static (sold per foot)	2@
		6" and 1/2"	
62	<b>WT620</b>	Tip Socket Wrench	1
63	<b>WT623</b>	Tip Wrench	1
64	<b>SR050</b>	Cable Tie	1
69	<b>SR514</b>	Clamp	1
70	<b>SR515</b>	Bracket	1
71	<b>SR434</b>	Insulator	1
72	<b>SR113</b>	Micro Switch	1
76	<b>SR512</b>	Fitting, Male, Barbed, for 3/32 ID Hose	2
77	<b>SR513</b>	Fitting, Male, Barbed, for 1/8 ID Hose	1
78	<b>SR470</b>	Well Nuts	4
79	<b>SR469</b>	Spacers for Well Nuts	4
80	<b>SR516</b>	Screw, Pan Head, Slotted	2

\* For complete assembly, order **SR487** Air Flow Regulator Assy.

\*\*For complete assembly, order **AF110** In-Line Vacuum Filter



ITEM NO.	PART NO.	DESCRIPTION	QTY REQ'D
81A	<b>SR394</b>	Heater Assy. 24V	1
81B	<b>SR521</b>	Collar	1
81C	<b>LU26</b>	Turbo Tip, Medium, LONER Universal	1
81D	<b>SR062</b>	O-Ring	1
81E	<b>HS304</b>	Hose, 3/8 ID. Silicon, Low Static	1-1/4"
81F	<b>SR522</b>	Shrink Sleeve, 3/8 Dia. Green	1/2"
81G	<b>SR445</b>	Wire, 22 AWG. Black	3@
		51", 51", 2"	
81H	<b>SR523</b>	Tube, Stainless Steel	5/8"
81I	<b>HS308</b>	Hose, 3/32 ID. Polyurethane	60"
81J	<b>HS309</b>	Hose, 3/16 ID. Polyurethane, Clear	2"
81K	<b>SR524</b>	Wire, 22 AWG. Non-Insulated	51"
81L	<b>SR525</b>	Hose, 1/4 ID. Silicon, Low Static	45"
81M	<b>SR713</b>	Handle	1
81N	<b>SR495</b>	Connector, Male Crimp	1
81O	<b>SR674</b>	Connector Housing	1
81P	<b>SR675</b>	Connector Shell	1
81Q	<b>SR649</b>	Boot	1
81R	<b>SR647</b>	Barbed Fitting	1
81S	<b>SR648</b>	O-ring, #2-006	1

For complete assembly, order **SR362** Hot Air & Contact Soldering Tool

# 1036DX instruction manual



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