

# EDSYN<sup>INC</sup>®

## ZD906-230

LONER<sup>®</sup> Soldering

*SOLDAPULLT*<sup>®</sup> Hot Tip Desoldering

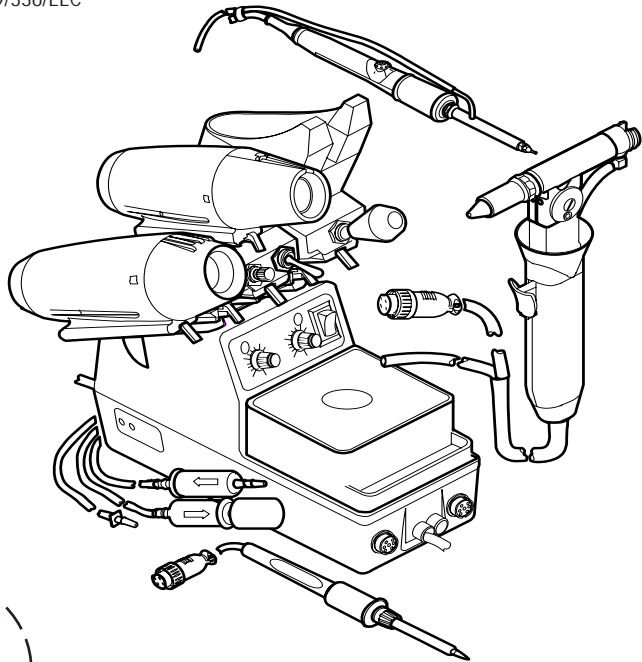
ATMOSCOPE<sup>®</sup> SMD Hot Air

**MULTI-TASKING STATION**

COMPLIES WITH DOD-STD-2000-1B  
MIL-STD-2000A and ESD SPEC.  
DOD-STD 1868, DOD HDBK-263



EMC Directive 89/336/EEC



MADE IN THE  
U.S.A.

**instruction manual**

# FEATURES

OPERATING REQUIREMENTS:  
 • 230 V, 50/60 Hz  
 • 60 - 90 psi shop air  
 (must be clean & dry)



ESD Safe

PD528 Pod



Temp. Regulation Indicator



Temperature Control Knob



SH230

Sponge Holder  
 (Includes RS199,  
 RS243, LN230)

24 V Controlled  
 Output for LST10  
 LST11

24 V Controlled  
 Output for HT500

PM100 outlet  
 Connect to  
 HT500 (vacuum)

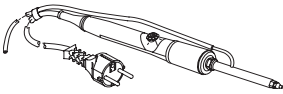
PM200 outlet  
 Connect to  
 FA493

Off-On Switch

PA233 Dovetail  
 Extension Bracket

PM200  
 Pressure  
 Regulator

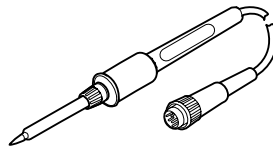
PM100  
 Vacuum  
 Generator



FA493-7



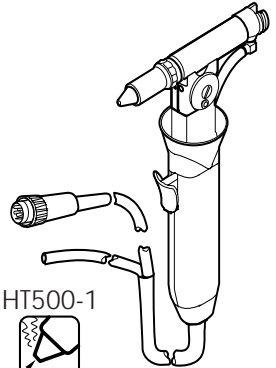
SMD Hot Air



LST10 / LST11



Soldering



HT500-1



Hot Tip  
 Desoldering

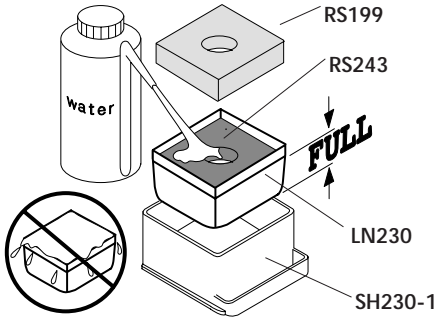
## SPECIFICATIONS

- 70 W per Tool, LST10/LST11 is 50 W
- Approx. wt.: 6 lbs., 5 ozs. (2.9 kg)
- Temperature range: 400°F - 800°F (205°C - 425°C)
- Temperature regulation:  $\pm 6^\circ\text{F}$  ( $\pm 3^\circ\text{C}$ )
- Voltage leakage from tip to ground less than 2 MV
- Tip to ground resistance less than 2 ohm
- Complies with MIL-S-45743E, DOD-STD-2000-1B, MIL-STD-2000, WS6536E and ESD SPEC, DOD-STD-1686, DOD-HDBK-263.

# MAINTENANCE

## • Replace RS199 Cleaning Sponge

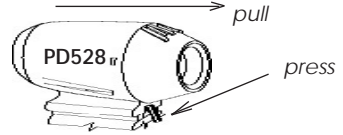
1. Fill water only up to the top of the RS243 Leveling Pad.
2. Depress RS199 to moisten it completely.



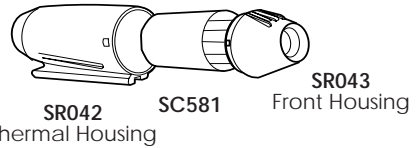
**CAUTION:**  
Over-filling can cause thermal shock to the tip or heating element during tip cleaning.

## • 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

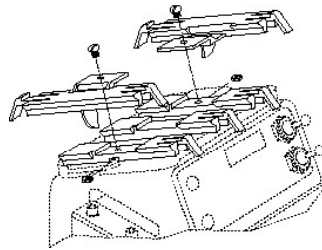


To replace Pod, press Release Tab and slide out Pod.



# PA233 Dovetail Extension Bracket

1. Insert Nut into slot of Dovetail on both sides. Use this Nut.
2. Screw PA233 on top on Dovetail after inserting Nut into slot.



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