

EDSYN^{INC}®

ZD905-230 ZD905V-230

series

SOLDAPULLT

LONER[®] Hot Tip Desoldering Station

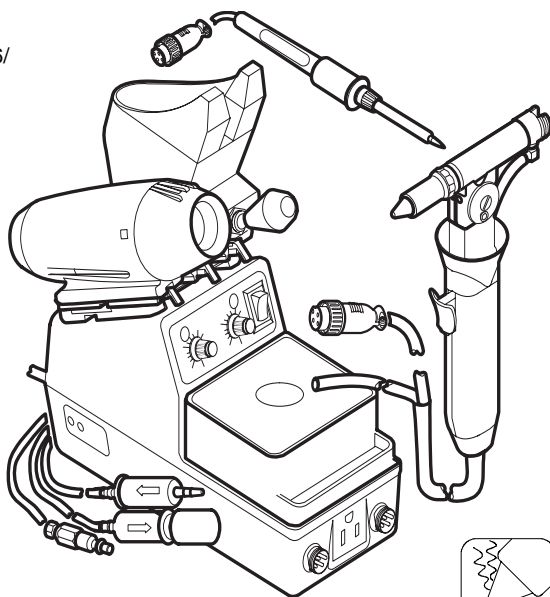
• COMPLIES WITH MIL-S-45743E, MIL-STD-2000, DOD-STD-2000-1B,
WS6536E AND ESD SPEC, DOD-STD-1686, DOD-HDBK-263

CE EMC Directive 89/336/
EEC

-B,-P & -11
series included

230
VOLTS

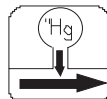
MADE IN THE
U.S.A.



Soldering



Hot Tip
Desoldering



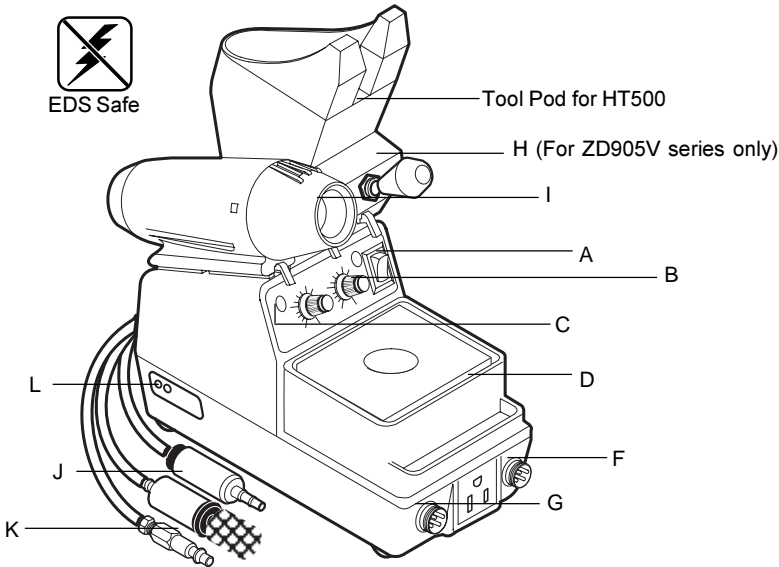
Vacuum
Generator

instruction manual

FEATURES



EDS Safe

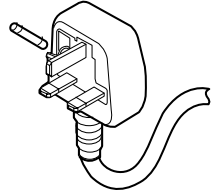


- A) Power Switch.
- B) Temperature Control Knob, indication: 400°F - 800°F (205°C - 427°C)
- C) Temperature Regulation Lamps for each Tool.
- D) SH230 includes RS199 Cleaning Sponge, LN230 Liner and RS243 Leveling Pad.
- F) 24V controlled output. Desoldering (right)
- G) 24V controlled output. Soldering (left)
- H) PM100 Vacuum Generator.
- I) PD528 holds Soldering Tool when not in use.
- J) AF110 Vacuum Filter (for ZD905V & ZD905V-11 only), connect to Vacuum Hose of HT500.
- K) Air Pressure input, 60 - 90 psi. (4.1 - 6.2 bar).
- L) External Calibration Pots

ZD905V-230B

POWERCORD

Replace 3A Fuse inside



SPECIFICATION

- 230V, 50 Hz, 38W - 310W
- 24V Controlled Output
- Power Supply w/o pods: 4.5 lbs (2 kg)
- PM100 Vacuum Generator: 12 oz. (341 g)
- HT500 Hot Tip Desoldering Tool: 11 oz. (312 g)
- LST10 Soldering Tool: 3 oz. (85 g)
- LST11 Soldering Tool: 3 oz. (85 g)
- Temperature range: 400°F - 800°F (205°C - 425°C)
- Temperature regulation: ±6°F (±3°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.

TROUBLE SHOOTING

Symptoms	Cause	Remedy
Weak or no vacuum.	a) Vacuum source not working properly. b) Loose fittings or leak along the line.	a) refer to respective instruction manuals. b) All connections are properly installed and replace cracked hoses.
Weak or no vacuum on the HT500.	a) Dirty or clogged filter. b) Dirty or leaky valve.	a) Replace filter. b) Clean parts and replace O-rings.
Solder does not adhere to Tip.	a) Temperature too high, causing Tip to oxidize. b) Not retinning Tip after each operation.	a) Lower the temperature to 500°F. Wipe Tip on damp sponge and tin the Tip. If problem still exists, replace Tip. b) Clean and retin Tip after each operation.
Soldering Tip to Ground resistance too high	Poor contact between Tip and Heater.	Do the Tip Cleaning Procedure Form 610.
No power	Blown Fuse.	Replace fuse inside power supply.

Problems other than those listed should be corrected at the factory.

Ship both Tool and Power Supply together to:

EDSYN, Inc.

Customer Service

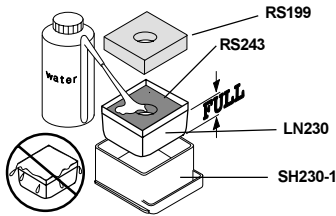
15958 Arminta Street.

Van Nuys, CA 91406-1896

MAINTENANCE

• Replace RS199 Cleaning Sponge

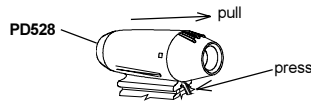
1. Fill water only up to the top of the RS243 Leveling Pad.
2. Depress RS199 to moisten it completely.



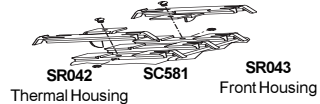
CAUTION:
Over-filling can cause thermal shock to the tip or heating element during tip cleaning.

• 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.

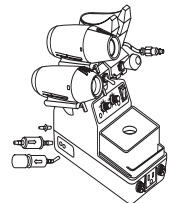
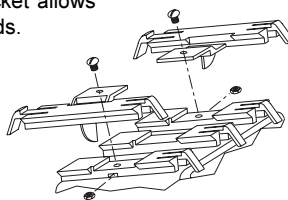


To replace Pod, press Release Tab and slide out Pod.



OPTIONS PA233 Dovetail Extension Bracket allows you to install additional Tool Pods.

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



ZD905/905V-230 series instruction manual



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TIP STYLE ON SOLDERING, DESOLDERING AND HOT AIR TOOLS MAY VARY.

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