High Power (150W) Thru Hole Digital Desoldering Station Model IDS150

INDE
reliable & caring since 1976

150 Watt High Power for multilayer PCBs & heavy grounded joints

Specifications

- Input Supply : 230 VAC, 50Hz
- Heating Power : 150 Watt
- Temperature Range : 300°C ~ 480°C
- Vacuum Pressure : 650mm Hg
- Tip to Ground Potential : <2mV
- Tip to Ground Resistance : <2 Ohm

Scope of Supply

- IDS150 Power/Control Unit
- IDP150 Desoldering Gun
- Desoldering Bit
- Heavy Duty Support Rack
- Cleaning Sponge
- Operating Manual

Salient Features

- **Power/Control unit has following in-built features:**
  - **Password protection**
  - **In-built temperature calibration**
  - **Sleep Timer & Standby Timer**
  - **Error message indication**
- **Reliable heating element does not require frequent changing**
- **Low running cost due to low priced long life Desoldering Nozzles**

Features

CH1, CH2 & CH3:
These channels are used to store 3 different frequently used temperatures. Stored temperatures can be recalled just by pressing respective CH button.

Password Protection:
Password is provided for supervisory control. Once the password is applied then no one can change the set parameters without entering the password.

Sleep Time Setting
Sleep mode is prolongs the life of Heating Element and Desoldering Nozzles. It can be programmed from 01 ~ 20 minutes. 00 indicates no sleep. The system enters in sleep mode if it is not used for set time after putting on the stand. In sleep mode display shows "---"

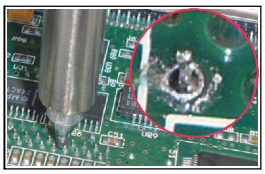
Standby Time Setting
Standby time can be programmed from 01 ~ 40 minutes. 00 indicated no standby. Standby timer starts once the unit enters the sleep mode. When the system is in standby mode display will shows "OFF"

Temperature Calibration
This system has in-built calibration feature to meet ISO requirements. This is recommended every time when the heating element or nozzle is replaced.

How to use Desoldering Gun

Melting solder After the set temperature is stable, use the Desoldering Nozzle to melt the solder.

Solder removal



Observe that all the solder of the pin has been melted by rotating the nozzle against the pin. If the pin moves freely, it means all the solder is melted. Now press the red switch on the handle to suck the molten solder.

Note: Do not rotate the pins vigorously and with pressure. It can damage the PCB pads. If the pin does not move easily, then apply fresh solder on the tip of nozzle and then melt the solder of the pin to suck the molten solder.

Warranty is 12 months from the date of invoice.
It excludes all consumable parts as Sensor etc. and any mechanically damaged parts.

on-site services can be provided at extra charges if pre-paid by customer in advance

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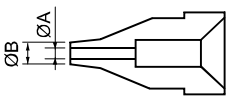
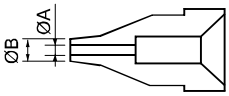
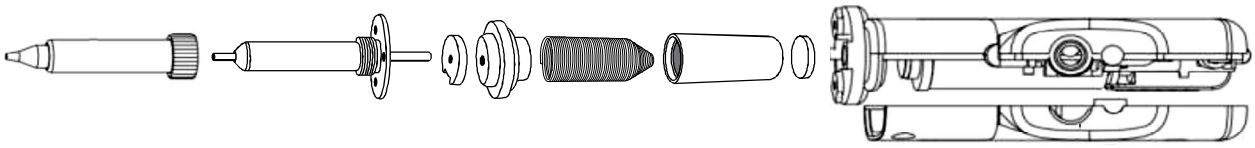
Desoldering Nozzles for IDS150 Desoldering Station

Description	Actual Photo	Dimensional Diagram	Inner Dia (mm)	Outer Dia (mm)	Part Number
Nozzle for regular desoldering			1.3	3.0	A1006
Nozzle for heavy connector desoldering			1.6	3.0	A1007

Assured availability, normally ex-stock, of Spare Parts for Desoldering Station



Description	Actual Picture	Remarks
IDP150 Desoldering Gun		Whenever required
Barrel & Nut Assembly		Whenever required
Heating Element		Replace if display shows H-E or S-E
Filter Pipe Assembly		Whenever required
Spring Filter		Whenever required
Filter Pipe		Whenever required
Ceramic Filter		Whenever required
Packing		Whenever required

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