

Thermal Wire Stripper

In Electronic, Electrical, and Automobile industry and in defence applications all the wires used are to be stripped to expose inside conductor for further processing such as soldering or lug fitment. In case of small batches it becomes uneconomical to process these wires on automatic machines. In such case wires are cut and stripped manually.

We have developed a hand held wire stripper. It operates on 230V AC mains and is provided with continuously variable power controller. Wire Stripper's Hand Held Unit consists of spring controlled stripping jaws. On this heating elements are located at the front.

Wire length to be stripped can be adjusted by loosening the wire depth adjustment screw and moving the adjustment strip to required length of wire to be stripped. Different types of heating elements are to be used depending on the diameter of the wire to be stripped.

We offer two models of Wire Stripper PVC 001 is to be used for stripping of PVC covered wires and TWS 002 is to be used for stripping of Teflon covered wires, where higher cutting temperature in the range of 400° C to 500° C is required.

The heat control knob located at the front of power supply unit can to be adjusted depending on wire diameter to be stripped.

This is a handy tool for wire stripping applications without damaging inner conductors.



Model	Power Supply	Working Voltage	Wattage	Temp. Range
PWS 001	230 VAC	2.0 VAC	20 W	250°C to 350°C
TWS 002	230 VAC	2.4 VAC	25 W	350°C to 450°C

About Superb

Superb Products was established in 1968. It started with manufacturing of soldering irons and solder pots. It also started manufacturing of low voltage transformers required for their soldering irons and pots. Slowly this developed in to manufacture of soldering equipments used in engineering industry. Our Soldering products and processes is under constant development and change to suite customer requirement. We also design and manufacture soldering systems for automation in soldering process that imparts consistency in soldering and increase in through put. We have done several such SPMs in Auto, Motor and Wire Harness industry.

We also manufacture Instrument transformers as per UL, IEC, VDE standards. We manufacture high voltage DC Power supplies up to 12 KV Dc and with 25 mA short circuit current. These are used in Oil Cleaning, Water Purification, Air Ionization and Cable Testing.

Our Strength

- Wide Product Range in Soldering
- Reliable and Proven products
- After Sales Service for our products

Achievement

Winner of Parkhe Award

- Low Voltage Soldering Iron - 1992
- Neon Power Supply - 1998



4, Electronics Co-op Estate Limited,
Pune-Satara Road, Pune 411 009 (India)

t : +91 20 2422 2076 / +91 20 2422 6004

m: +91 77966 86550

e : info@superbproduct.com / superb@superbproduct.com

w: www.superbproduct.com



Superb Soldering Products

Soldering Irons and Solder Pots

For Electronic, Electrical and Automobile Industry

Solder Pot Series

In Electronics, Electrical and Automobile industry you come across where you have to carry out tinning operation. It may be component such as resistor, capacitor or stripped wire where lead-out ends are to

be tinned or it may be stripped wire ends to be soldered. Or it may be wire ends of wiring harness, crimped lugs to be tinned. One can think of various applications. We have developed various types Solder pots depending on customer requirements. Following are the details of Solder Pots. All Solder Pots are working on 230 VAC, 50 Hz.



SB PTC 1000 D

Square Pot (Size: 175X175X120mm)
Solder Capacity 32 Kg

Wattage - 4000 W
Temp. Range 200°C to 450°C

SB 200

Available in
SB 200 - Fixed Temp. 200 W Heater
SB PTC 200 D With Digital Display

Wattage - 400 W
Temp. Range 200°C to 450°C



SB PTC 200 D



SB PTC 350 D

Available in
SB PTC 350 D With Digital Display
SB PTC 350 D - 20

Wattage - 500 W
Temp. Range 200°C to 450°C

SB PTC 350 D

SB PTC 500 D

Available in
SB PTC 500 D With Digital Display
Available in collar type
SB PTC 500 D - 15

Wattage - 700 W
Temp. Range 200°C to 450°C



SB PTC 500 D

All these solder pots can be used with lead free solder.

Note:
PTC Models are temperature controlled.
*Temperature controlled within $\pm 5^\circ\text{C}$ of set temperture.

Applications:
1. Component Lead Tinning
2. Tinning of stripped PVC wires
3. Soldering of Self-solderable wires

4. Wiring harness ends in automobile industry
5. **Small size PCBs can be dip soldered. (E.g., Flasher PCB)
6. **For Bus bar end soldering
7. All these pots can be used with lead free solder also

Rota Solder

There are requirements to tin components in solder pot to give protection or to have good solderability. One always faces a problem of accumulating dross caused by flux ingress on the solder surface. Operator has to repeatedly take out accumulated dross. This increases solder wastage, increases effective cycle time and poor quality of tin layer formation on the tinned leads.

To overcome this we have introduced a rotary solder pot. This system is having a rotating solder pot with a wiper that skims solder surface while pot is rotating offering a clean dross free surface. This wiper is so arranged that accumulated dross progresses towards outer rim of solder pot and is collected in a collector provided. This completely eliminates operator intervention to clean the pot as has to be

done earlier.

This system is available in 125 mm Diameter and 50 mm Depth solder pot. Solder requirement is 5.5 Kg. Pot temperature can be set from 200°C to 450°C within $\pm 3^\circ\text{C}$. At 250°C one can carry out normal tinning operations for 60:40 solder. One can solder wound components having self-solderable wires at 380°C. This pot can be used with lead free solder also.

This system can be placed on the tabletop or can be accommodated in line with any other production equipment. We can offer any other sizes as per requirement or for a particular job.



Model	Solder Capacity	Wattage	Temp. Range
RS125LF	5.5 KG	1000 W	200°C to 450°C

High Voltage DC Power Supplies

Superb Products is working in AC and DC Power Supplies. Special Purpose Instrument Transformers and soldering equipments.

There is a requirement of high voltage limited current power supplies in water purification, oil cleaning, cable insulation testing etc.

We manufacture High Voltage DC Power Supplies with Limited Short circuit current up to 25mA. Those are available in MS casing. Mounting can be vertical or horizontal. A high voltage divider can be internally provided so output voltage and current can be measured. These power supplies are epoxy cast and are with cast bobbins for required dielectric



separation. Power supplies meet IEC Specifications.

Those Power Supplies are available in 10 and 12 Kv. Any other voltage up to 12 Kv other than mentioned is also possible.

Soldering Irons

These Soldering irons are working on low voltage. A Power Supply with input voltage of 230 V and Secondary having taps to adjust wattage as required per job specifications is provided.

Temperature Range is 450°C. Soldering Iron

Heating elements are cast in aluminum. Soldering Iron's Bit angle is so adjusted to provide ease in soldering. It can accommodate different types of Bits as per job requirement. Bits are Iron plated and Tin covered.

Model	Description	Wattage
PSU - 150	Soldering Iron Bit Size 8 mm with power supply	50 to 150 W
PSU - 200	Heavy Duty Soldering Iron Bit Size 8 mm with power supply	100 to 200 W



Different Types of Bits are also available