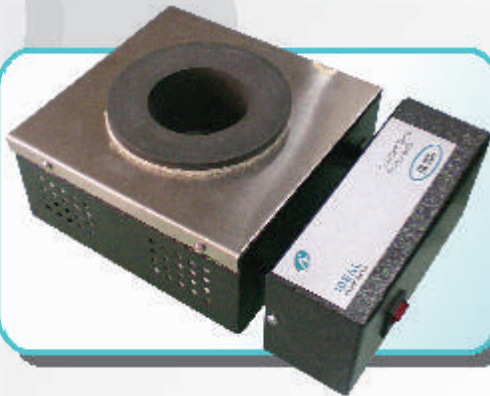




SOLDER POTS



SPECIFICATIONS

No.	Product Particulars	Wattage	Solder Capacity	Temp. Range
1	Solder Bath IR-100 (30mmx40mm deep)	100W	0.3kg	200-450°C (Stepless)
2	Fixed temp Solder Bath IR-200 (50x40 deep)	200W	0.7kg	Fixed temp
3	Temp. Control Solder Bath IR PTC250 (50x40 deep)	250W	0.7kg	200-450°C (Stepless)
4	Digital Temp. Control Solder Bath IR PTC250D (50x40 deep)	250W	0.7kg	200-450°C (Stepless)
5	Fixed temp Solder Bath IR400 (100x50 deep)	500W	3.5kg	Fixed temp
6	Temp. Control Solder Bath IRPTC400 (100x50 deep)	500W	3.5kg	200-450°C (Stepless)
7	Digital Temp. Control Solder Bath IRPTC400D (100x50 deep)	500W	3.5kg	200-450°C (Stepless)

APPLICATIONS

- Tinning of base ends of PVC wires.
- Tinning of self solderable wires, silk coated wires.
- Component leads tinning.
- Wire harness tinning in electronic as well as Automobile Industry.
- Small size PCB soldering by Dip Soldering.

Note

- All PTC models have built in temperature sensor. Control accuracy is +/-3% of set temperature
- All Baths work on 230 VAC input

MODEL : IRDS-01 AUTOMATIC DIP SOLDERING SYSTEMS

- State-of-art technology is the feature of these soldering systems. They meet the most exacting requirements of a soldering processes. They are. suitable for soldering single sided/PTH/multi-layered PCBs and the most intricate hybrid assemblies.
- A precision digital temperature controller, a unique counter-balanced top loading frame and robust heaters (sealed cartridge type) form the heart of the machine, which is capable of two shift operation with a production rate of 60 soldering cycles / hr. A custom-designed loading frame and its movement during the soldering operation meets the kinematic and dynamic requirements of the process; avoiding the common soldering defect such as icicles, bridging, blowholes, etc.
- Model : IRDS-01 : This is a totally automatic system with its motorised drive and a 0-6 seconds timer for the movement of the PCB during the soldering operation. The entire process is controlled by this motorised drive unit, making it independent of operator training and skills.
- Model: IRDS-02 : This is a semi-automatic soldering system with the top -frame suitable for holding PCB directly or mounted on the a separate carrier. The system incorporates a precision height adjustment and Dipping angle adjustment for precise soldering action, avoiding percentage rework and common soldering defects.



VARIOUS SIZES OFFERED

No.	Bath Size	PCB Size	Solder Capacity (Max)	Power
1	8" x 7"	6" x 6"	12 kg	1.0 Kw.
2	14" x 13"	12" x 12"	32 kg	1.4 Kw.
3	18" x 14"	17" x 13"	42 kg	1.8 Kw.

(Other size on request)

CAPACITY (Common to all models and Sizes)

- Bath Depth : 40 mm
- Operating Bath Depth : Max 35 mm; Min 25 mm
- Max lead length below PCB : 6 mm
- Heat-up time : 45 minutes (max)
- Soldering cycle time : 2-6 seconds
- Production levels : 60 PCBs/Hr. (Min.)



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