

PROTO-CONTACT-PCB Art Work Film Maker



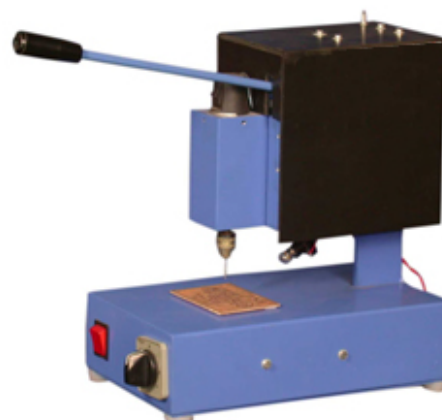
- A table top unit which serves as a negative making contact printer as well as illuminated art work table for circuit art work, taping and inspection of Film and Negatives.
- User can directly make negative from 1× scale art work.
- Working area : 300mm×250mm (12"×10") with diffused light.
- Push button operated exposure.
- Dimension : 380mm×230mm×330mm.
- 230V/50Hz, 5A Socket required.

ROLLER TINNING MACHINE



- Table top unit for tin/solder coating of PCB's. This coating also improves the solderability of the PCB
- A hand operated flywheel allows easy coating of boards
- Maximum PCB width :250mm (10").
- Maximum PCB thickness : 6mm.
- Solder bath capacity : 5Kg.
- Heaters : 2×500Watts.
- Rollers : Silicon coated
- Roller revolution : Gear fly wheel drive.
- Bearing : Teflon
- Electrical power : 230V/50Hz, 5A Socket required.

PCB DRILLING MACHINE



- A Compact tabletop high speed drilling machine.
- Drill holding by precision chuck with lapped jaws.
- Mains operated DC motor - direct drive (no belt and pulley).
- Motor Speed : up to 20,000 RPM.
- Range : 0.6 to 3.0mm. Metal base.
- Three step speed control and Illumination of work area.
- Working area : 280mm×170mm
- 230V/ 50Hz, 5A Socket required

PHOTO RESIST DIP COATING MACHINE



- The Machine is tabletop and compact.
- A single operation unit designed for coating of laminates with Photoresist.
- The machine ensure uniform controlled thickness of Photoresist on copper clad.
- Maximum Board size : 250mm x 300mm (10" x 12").
- Tank Capacity : 2 liters.
- Dips one PCB at a time.
- Electrical power : 230V/50Hz, 5A Socket required.

FALCON ELECTRO - TEK PVT. LTD.

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* Specifications of the products mentioned in this catalog are subject to change due to constant upgradation and availability of components in the international market.

PROTO-ETCH ETCHING MACHINE



- Fast single and double sided PCB etching.
- Useful etching area : 250mm×300mm (10"×12").
- All construction material are corrosion free.
- Tank Capacity : 20 Liters includes heater and air flow compressor
- Heater : Titanium-non corrosive with thermostate controls.
- Timer : 0-4.0 Minutes.
- Electric Power : 250V/50Hz, 15 A socket required.

PROTO-CURE BAKING & CURING OVEN



- Table top unit for curing of liquid photo resist.
- Timer controlled heating system allows fast and efficient curing.
- Complete metal construction
- PCB size : 250mm×300mm(10"×12").
- Heating : Finned heaters with thermostate controls.
- Fan : For air circulation.
- Timer : Preset timer.
- Electric Power : 250V/50Hz, 15 A socket required.

DOUBLE SIDED U. V. EXPOSURE UNIT



- Table top double sided exposing unit for high resolution exposure of PCB's.
- Maximum size : 255mm×300mm (10"×12").
- U.V. tubes : 2×4 (8Watts) actinic tubes with single/double side option.
- Chocks : Electronic type.
- Timer : Provided
- Electrical power : 230V - 50Hz, 5A socket required.

PCB SHEARING MACHINE



- Bench top guillotine type shearing machine to cut PCB's and laminates.
- Compact structure.
- Central handle allows ease of cutting.
- Width : 300mm (12").
- Size : 400mm×350mm.

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PCB DRAFTING KIT & ILLUMINATED ARTWORK TABLE



The PCB Drafting Kit includes Various tapes, pad and other material for making PCB Artworks.

Area for work : 500 mm x 600 mm (20" x 24")

PROTO-DYE/DEVELOPER



- Table unit which gives convenience of dying and developing PCB laminates both in one machine.
- Diaphragm pump agitates the developing solution chamber.
- Maximum PCB size : 250mm×300mm (10"×12").
- Tank capacity : 2 Liters for developer solution
2 Liters for dye solution.
- Air pump : Diaphragm type compressor pump.
- Mechanical timer : 0-4 min. To operate air pump.

DELIEVERABLES

• CHEMICALS FOR THE PCB LAB MACHINES

• Board Preparation & Cleaning:

Single Sided PCB Laminate	Nos	10
Paper Phenolic 300x 300mm (1 x 1 feet)		

• For Dark Room:

- Safe Lamp	Unit	1
- Lith Film 250 x 300mm (10 x 12")	Nos	10
- Lith Film Developer A&B (5 Ltrs)	Pkt	1
- Lith Film Fixer	Bottle	1
- Developing Trays	Nos	3

• For Photoresist Dip Coating Machine:

- Liquid Photoresist	Litres	2
- Photoresist Thinner	Litre	1
- Photoresist Developer	Litre	5
- Photoresist Dye	Litre	5
- Jars	Nos	2

• For Etching Machine:

- Etching Crystals	Kgs	10
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• For PCB Drilling Machine:

Drill Bits		
- 0.80mm	Nos	10
- 1.00mm	Nos	10

• For Roller Tin Machine

- Solder 63:37	Kgs	5
- Roll Salt	Kgs	2
- Flow Coat	Litres	½

• PCB Drafting Aids Kit:

Tapes, pad and other materials for making PCB Artworks for making PCBs.

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