



### SALIENT FEATURES

Various components of the printer are made accessible to the students by spreading out on a cuboid demo rack made from aluminum profile

Non-destructive simulated faults have been implemented through slider switches located on Fault Panel to teach section wise faults & their troubleshooting

When not in use Printer trainer may be used as a USB port based regular Lab printer / scanner machine.

Set of Instructor Guide and Student workbook provided with each unit.

### Technical Specification

Enclosure / accessories	Aluminum profile based cuboid demo rack.
Mechanical Size	650 (L) X 650 (W) X 600 (H) mm, Weight = 20 kg.
Number of panels & Their function (No. of fault switch)	PFP1 = Fault simulator panel for printer/scanner .fax/copy/phone/USB, (24 Slide switches), PFP2 = Power Supply Panel.
Number of Faults	24
List of Faults	Printer Section Faults: 1) Roller Motor 2) Carriage Motor 3) Paper Mismatch 4) Paper Jam 5) Out of paper 6) Encoder supply 7) Cartridge Position Sensor 8) Cartridge Door open Scanner/Fax/Copy Section Faults: 1) Scanbus 2) Scanner Supply 3) Scanner motor 4) Scan/Copy/fax/paper and sensor 5) Scanner inlet paper sensor Keyboard Display Section Faults: 1) Loose connection in LED connector / wiring 2) Display supply fault 3) Display section OFF Power Supply Section Faults: 1) 30V supply 2)15Vsupply Telephone Handset Section Faults: 1) Speaker 2) MIC Telephone Line Section Faults: 1) Line USB Section Faults: 1) USB supply 2) USB Data Line [D-] 3) USB Data Line [D+]
Printer/Fax/Scanner/ Copy/ Telephone Specifications	Subject to change as newer & high speed models appear in market. Technical Specification Fax Type: Plain paper , Printing Technology: Ink-jet - Color, Monthly Duty Cycle: Max, 1500 impressions, Language settable from LCD Memory: Max Standard Memory 16.0MB Copying: 1) Max copying speed: 20.0ppm (mono)/14.0ppm (color) 2) Max copying resolution: 600dpi (mono) / 4800 X 1200 Dpi (color) 3) Maximum copies = 100.0 Printing: 1) Inkjet Technology : HP Thermal Inkjet 2) Max .Print. Resolution: 1200 X 1200dpi (mono) / 4800 X 1200 dpi (color) 3) Max Printing speedup to 20.0 ppm (mono) / up to 14.0 ppm (color) 4) Printer Drivers/ Emulations LIDIL Scanning: 1) Optical Resolution : 1200 X 1200 dpi 2) Interpolated Resolution : 19200dpi 3) Color Depth 48.0bit Fax Machine: 1) Max Transmission Speed: 33.6Kbps 2) Fax Resolution: 300 X 300dpi 3) Total Memory capacity : 200.0 pages Fax Machine Features: 1) Broadcast Transmission:48 stations 2) Delayed Transmission: Yes 3) Features : Automatic redialing Power Supply: 110/230VAC/18 Watt, needs external Wall transformer supplying of DC power supplies

Note: Specifications are subject to change.

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