



### 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 sliders & 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

### Technical Specification

<b>Enclosure / accessories</b>	Aluminum profile based cuboid demo rack.
<b>Mechanical Size</b>	650 (L) X 650 (W) X 600 (H) mm, Weight = 20 kg.
<b>Number of panels &amp; Their function (No. of fault switch)</b>	<b>FPF1</b> = Fault simulator panel for printer/scanner .fax/copy/phone/USB, (24 Slide switches), <b>FPF2</b> = Power Supply Panel.
<b>Number of Faults</b>	24
<b>List of Faults</b>	<p><b>Printer Section Faults:</b> 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</p> <p><b>Scanner/Fax/Copy Section Faults:</b> 1) Scanbus 2) Scanner Supply 3) Scanner motor 4) Scan/Copy/fax/paper and sensor 5) Scanner inlet paper sensor</p> <p><b>Keyboard Display Section Faults:</b> 1) Loose connection in LED connector / wiring 2) Display supply fault 3) Display section OFF</p> <p><b>Power Supply Section Faults:</b> 1) 30V supply 2)15Vsupply</p> <p><b>Telephone Handset Section Faults:</b> 1) Speaker 2) MIC</p> <p><b>Telephone Line Section Faults:</b> 1) Line</p> <p><b>USB Section Faults:</b> 1) USB supply 2) USB Data Line [D-] 3) USB Data Line [D+]</p>
<b>Printer/Fax/Scanner/ Copy/ Telephone Specifications</b>	<p>Subject to change as newer &amp; 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</p> <p>Memory: Max Standard Memory 16.0MB</p> <p><b>Copying:</b></p> <ol style="list-style-type: none"> <li>1) Max copying speed: 20.0ppm (mono)/14.0ppm (color)</li> <li>2) Max copying resolution: 600dpi (mono) / 4800 X 1200 Dpi (color)</li> <li>3) Maximum copies = 100.0</li> </ol> <p><b>Printing:</b></p> <ol style="list-style-type: none"> <li>1) Inkjet Technology : HP Thermal Inkjet</li> <li>2) Max .Print. Resolution: 1200 X 1200dpi (mono) / 4800 X 1200 dpi (color)</li> <li>3) Max Printing speedup to 20.0 ppm (mono) / up to 14.0 ppm (color)</li> <li>4) Printer Drivers/ Emulations LIDIL</li> </ol> <p><b>Scanning:</b></p> <ol style="list-style-type: none"> <li>1) Optical Resolution : 1200 X 1200 dpi</li> <li>2) Interpolated Resolution : 19200dpi</li> <li>3) Color Depth 48.0bit</li> </ol> <p><b>Fax Machine:</b></p> <ol style="list-style-type: none"> <li>1) Max Transmission Speed: 33.6Kbps</li> <li>2) Fax Resolution: 300 X 300dpi</li> <li>3) Total Memory capacity : 200.0 pages</li> </ol> <p><b>Fax Machine Features:</b></p> <ol style="list-style-type: none"> <li>1) Broadcast Transmission:48 stations</li> <li>2) Delayed Transmission: Yes 3) Features : Automatic redialing</li> </ol> <p><b>Power Supply:</b> 110/230VAC/18 Watt, needs external Wall transformer supplying of DC power supplies</p>

Note: Specifications are subject to change.

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