


<b>PVMS OF PATHOLOGY AND BLOOD BANK</b>	
<b>Clinical Specialty</b>	Blood Bank
<b>Generic Name</b>	<b>CONTINUOUS FLOW APHRESIS SYSTEM</b>
<b>Clinical Purpose</b>	Apheresis (apheresis "a taking away") is a medical technology in which the blood of a donor or patient is passed through an apparatus that separates out one particular constituent and returns the remainder to the circulation. It is thus an extracorporeal therapy.
<b>TECHNICAL SPECIFICATIONS</b>	
<p><b><u>Detailed Requirement:</u></b>  Apheresis system for cell therapy, therapeutic apheresis, stem cells and transfusion medicine ✓  Microprocessor controlled  Both for adults and paed's applications  Continuous flow centrifuge system with low extracorporeal volume  Dual &amp; single needle platelet collection system ✓  Dual &amp; single needle therapeutic plasma exchange system ✓  Red blood cell exchange capability ✓  White blood cell collection and depletion, lymphoplasma exchange ✓  Automatic regulation of platelets and plasma volume  RS 232/USB port for data output  220V 50 Hz, AC</p> <p><b><u>User Adjustable Settings:</u></b>  programmable  Control of infusion rate of anti-coagulant  Control of patient fluid balance, volume of replacement and remove RBC volume, patient HCT  Control procedure run time  Selectable adjustable reference range for all parameters  Safety for automatic centrifuge shut down between any pause  Platelet concentration monitor</p> <p><b><u>Displayed Parameters:</u></b>  Monitoring of infusion rate of anti-coagulant  Digital display of patient fluid balance, volume of replacement and remove RBC volume, patient HCT  Digital display of procedure run time  Alarm for low donor platelet</p> <p><b><u>Accessories:</u></b>  Complete with standard and operation accessories</p> <ul style="list-style-type: none"> <li>• Imported Compatible Sine wave UPS for back up of up to 30 minutes (Emerson, Liebert, Chloride, MGE, APC or Equivalent)</li> <li>• Operating Manual with a Soft Copy</li> <li>• Service Manual with a Soft Copy</li> </ul>	

  
25.11.16