

PVMS OF PATHOLOGY AND BLOOD BANK	
Clinical Specialty	Haematology, Microbiology, Immunology
Generic Name	REFRIGERATED CENTRIFUGE MACHINE (FOR BLOOD PRODUCTS PREPARATION)
Clinical Purpose	Refrigeration constitutes an important added feature to any laboratory centrifuge. A refrigerated lab centrifuge comes in a number of configurations, including swing bucket or fixed-angle types, or both. These centrifugation systems utilize centrifuge tips and tubes or well-plates for use in a number of applications, with capacities reaching 4 x 500 ml. Refrigerated centrifuges offer the added benefit of cooling to protect from sample degradation caused by heat generated by the action of spinning.
TECHNICAL SPECIFICATIONS	
<p>Detailed Requirement: Floor type Refrigerated Centrifuge machine Swing out rotor for blood bags Brushless motor Noiseless and vibration free Imbalance detection Lid safety interlock 220V 50 Hz, AC</p> <p>User Adjustable Settings: Integrated refrigeration system with a temperature range of -10C to +40C Maximum speed 200-12,000 rpm Relative centrifugal force (RCF) not less than 15,000 or better x g Maximum capacity 4 x 500ml Timing 0 to 60 minutes; continuous</p> <p>Displayed Parameters: Programmable Digital display of programme speed, timing, braking Self diagnostic with error display Over temperature alarm</p> <p>Accessories: Complete with standard and operation accessories</p> <ul style="list-style-type: none"> • Compatible Online Sine wave UPS with Battery backup for 30 minutes (Emerson, Liebert, Chloride, MGE, APC or equivalent) • Operating Manual with a Soft Copy • Service Manual with a Soft Copy <p>Optional:</p>	

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