


EQUIPMENT

Centrifuge (non-refrigerated)

Business Unit	Nelson Mandela Bay & Sara Baartman	C	NC
Laboratory	Livingstone Laboratory		
Req. #	0008444		
Specification	Requirement		
Foot print	Benchtop		
Drive	Brushless induction/motor, maintenance free		
Control Panel	LCD/ Electronic display key pad		
Acceleration	Variable acceleration		
Deceleration	Variable deceleration		
Programmability	Preselection of speed and time		
Speed	Speed control with rotor speed to be at least 4000rpm		
Balance detection	Automatically correct imbalance up to 50g without shutdown		
Lid	Lid with Safety lock		
Power Failure	Manual opening with power failure and fast stop option		
Run Time	Variable		
Decibels	≤85 dBA		
Temperature	Operates at Room temperature		
Rotor	Swing out 90degrees		
Tube types & size	Vacutainer 5mL and 7 mL tubes – Round bottoms		
Number of tubes	64 x 5ml or 7ml tubes		
Buckets with safety caps	Screw on or clip on safety caps		
Electrical	Compliant to South Africa 220/230v AC 20-60 Hz		
Ergonomic Design	Bench top		
Delivery time within 6 weeks	Yes		
Supplier training	Train and deem staff competent with certificate		
Additional Requirements			
Manual opening when power failure	Yes		
Electronic key pad	Yes		
Door safety lock	Yes		
Fast stop option	Yes		
Operators manual	English		
Installation and commissioning	By Supplier		
Calibration certificate	For time as 10 min, 15 min and Speed 3000rpm to 4000rpm		
Laboratory Manager	(Acting Lab Manager: F Prince)		
Laboratory Supervisor Haematology	Charl Herselman		
Signature			
Date	21/08/2024		
Quality Assurance	Vicky Kleinhans		
Signature			
Date	21/08/2024		