

EQUIPMENT	
Business Unit	Centrifuge (Non-refrigerated)
Laboratory	Nelson Mandela Bay & Sara Baartman
Req. #	SEROLAB
Specification	Requirement
Foot print	Benchtop
Drive	Brushless induction
Control Panel	LCD display touch pad
Variable Speed	Variable speed control with rotor speed to be at least 3500 RMP to 5500 RPM
RPM/RCF mode	RPM
Acceleration	Variable acceleration
Deceleration	Variable deceleration
Programmability	Adjustable, Pre selection of speed and time.
Balance detection	Automatically correct imbalance up to 50g without shutdown
Dimensions WxDxH mm	Max 800 x 700 x 900mm (lid open)
Weight	Max 130kg
Decibels	≤ 85 dB (Low noise)
Refrigerated	No
Ambient temperature	10°C to 35°C (Room Temperature)
Rotor	Swing out (90 degrees)
Tube types & size	Vacutainer 5ml tubes and 7ml tubes
Number of tubes	Round bottom
Buckets	9 to 16 vacutainer tubes x 4
Electrical	Either clip on or screw on safety caps
Delivery time within 6 weeks	Replaceable/Interchangeable sample buckets
	Compliant to South Africa (220/230v AC 50-60 Hz)
	Yes
Additional Requirements	
Lid	View window for Speed checks.
Manual opening when power failure	Yes
Electronic key pad	Yes
Lid safety lock	Yes, Safety lock on lid
Fast stop option	Yes
Operators manual	English
Installation and commissioning	By Supplier – Training and deem staff competent with certificates.
Calibration certificate	for time and Speed as required by the laboratory
	By Supplier – Calibration certificates for time and Speed as required by the laboratory
Laboratory Manager	ANNELINE BURRELL
Signature	<i>[Signature]</i>
Date	27/06/2023
Quality Assurance	V Kleinhans
Signature	<i>[Signature]</i>
Date	27/06/2023