
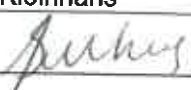


**EQUIPMENT****Centrifuge (Non-refrigerated)**

<b>Business Unit</b>	Nelson Mandela Bay & Sara Baartman
<b>Laboratory</b>	Provincial Lab
<b>Req. #</b>	
<b>Specification</b>	<b>Requirement</b>
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 Round bottom
Number of tubes	9 to 16 vacutainer tubes x 4
Buckets	Either clip on or screw on safety caps Replaceable/Interchangeable sample buckets
Electrical	Compliant to South Africa (220/230v AC 50-60 Hz)
Delivery time within 6 weeks	Yes
<b>Additional Requirements</b>	
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. for time and Speed as required by the laboratory
Calibration certificate	By Supplier – Calibration certificates for time and Speed as required by the laboratory
<b>Laboratory Manager</b>	Felecia Prince
Signature	
Date	26/06/2023
<b>Quality Assurance</b>	V Kleinhans
Signature	
Date	26/06/2023