


## EQUIPMENT

## Centrifuge (non-refrigerated)

<b>Business Unit</b>	Buffalo City and Amathole
<b>Laboratory</b>	Serology East London
<b>Req. #</b>	
<b>Specification</b>	<b>Requirement</b>
Foot print	Benchtop
Drive	Brushless induction
Control Panel	LCD display touch pad
Speed	Max 5 500 RPM
RPM/RCF mode	RPM
Acceleration	Variable acceleration
Deceleration	Variable deceleration
Programmability	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
Run Time	Variable
Decibels	≤70 dBA
Refrigerated	No
Ambient temperature	10 - 35°C
Internal temperature	Not applicable
Rotor	Swing out
Tube types & size	Vacutainer 5mL round bottom (13mm x 75mm) Vacutainer 7.5mL round bottom (13mm x 100mm) Vacutainer 10mL round bottom (16mm x 100mm)
Number of tubes	4 – 6 vacutainer tubes per bucket 4 = 16 – 24 tubes
Buckets have safety covers	Yes
Electrical	Compliant to South Africa
Ergonomic Design	Bench top
Delivery time within 6 weeks	Yes
In use in NHLS	Yes
<b>Additional Requirements</b>	
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
Laboratory Manager	Debra Marshall
Signature	
Date	23/06/2020
Quality Assurance	N Godfrey
Signature	
Date	23/06/2020