


EQUIPMENT

Centrifuge (non-refrigerated)

Business Unit	Nelson Mandela Bay & Sara Baartman
Laboratory	Dora Nginza
Req. #	
Specification	Requirement
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)
Number of tubes	Vacutainer 7.5mL round bottom (13mm x 100mm)
Buckets have safety covers	12 vacutainer tubes x 4 = 48 tubes
Electrical	Yes
Ergonomic Design	Compliant to South Africa
Delivery time within 6 weeks	Bench top
In use in NHLS	Yes
	Yes
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
Laboratory Manager	P Mzayiya
Signature	
Date	07/06/2022
Quality Assurance	V Kleinhans
Signature	pp V Kleinhans
Date	07/06/2022