

EQUIPMENT		Centrifuge (non-refrigerated)	
Business Unit	Nelson Mandela Bay & Sara Baartman		
Laboratory	Grahamstown		
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		
Additional Requirements	Yes		
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	J. Mposha		
Signature			
Date	20/10/21		
Quality Assurance	N Godfrey		
Signature			
Date	20 October 2021		

