

EQUIPMENT**Centrifuge (non-refrigerated)**

| | |
|-----------------------------------|--|
| Business Unit | Nelson Mandela Bay & Sara Baartman |
| Laboratory | Livingstone |
| Req. 0008369 | |
| | |
| 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) Conical 15mL (20mm x 120mm) |
| Number of tubes | Tube rack for 96 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 |
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| Additional Requirements | |
| Manual opening when power failure | Yes |
| Electronic key pad | Yes |
| Door safety lock | Yes |
| Fast stop option | Yes |
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| Operators manual | English |
| Installation and commissioning | By Supplier |
| | |
| Laboratory Manager | T van Rooyen |
| | |
| Signature | |
| Date | 15/05/2023 |
| | |
| Quality Assurance | V Kleinhans |
| | |
| Signature | |
| Date | 15 May 2023 |