

LOT 5

<p>I. Steri-Cycle CO₂ Incubator</p> <p>II. Biosafety Cabinet</p> <p>III. Ultra-Low Temperature Freezer</p> <p>IV. Autoclave</p>
<p>I. Steri-Cycle CO₂ Incubator</p>
<p>Performance and Design Requirements</p> <p>Feature</p> <ul style="list-style-type: none">• Type <p>Direct-heat CO₂ incubator with on-demand 140 °C sterilization cycle</p> <ul style="list-style-type: none">• Sterilization System <p>Integrated high-temperature (140 °C) sterilization cycle with automatic safety lockout; no chemical or UV alternatives permitted</p> <ul style="list-style-type: none">• Air Contamination Control <p>In-chamber HEPA filtration system providing continuous ISO Class 5 (Class 100) air quality at all times; external or recirculating systems are not acceptable</p> <ul style="list-style-type: none">• Sensor Technology <p>Infrared (IR) CO₂ sensor capable of accurate measurement during humidity changes; thermal conductivity or dual-wavelength sensors are not accepted</p> <ul style="list-style-type: none">• Decontamination Compatibility <p>temperature sensors must remain installed during the 140 °C cycle; removable or externally mounted sensors are not acceptable</p> <ul style="list-style-type: none">• Access Security <p>Microprocessor-controlled access code protection to prevent unauthorized initiation of sterilization cycle</p> <ul style="list-style-type: none">• Alarms <p>Audio/visual alarms for door open, over-temperature (≥ 60 °C), and CO₂ deviation; alarms must be programmable and silenced via dedicated switch</p> <ul style="list-style-type: none">• Data Outputs <p>Optional 4-20 mA analog signal output for external monitoring systems</p> <ul style="list-style-type: none">• VOC Filtration <p>Optional integrated volatile organic compound (VOC) filter within air handling system; no aftermarket external filters permitted</p> <ul style="list-style-type: none">• Humidity Control <p>Passive water-pan humidification system ensuring < 90 % RH at 37 °C</p> <ul style="list-style-type: none">• Airflow System <p>Optimized laminar airflow ensuring non-disruptive sample environment; fans located outside chamber prohibited</p> <ul style="list-style-type: none">• Display Interface

Alphanumeric microprocessor display showing temperature, CO₂, and optional RH; separate parameter displays mandatory

- Construction

Chamber of polished stainless steel with fully coved corners; non-coved or plastic interiors not acceptable

- Shelving System

Stainless-steel shelves and supports, removable without tools; painted or plated materials not acceptable

- Door System

Outer door insulated; inner glass door with adjustable gasket maintaining hermetic seal; magnetic or mechanical seals not acceptable

- Lighting

Integrated LED chamber illumination

- Gas Inlet Filtration

Microbiological inlet filters on gas and sample ports

Dimensional and Electrical Parameters

Parameter / Specification

- Capacity

184 L (6.5 cu. ft.)

- Interior Dimensions (D × W × H)

20 × 21.3 × 26.8 in (50.8 × 54.1 × 68.1 cm)

- Exterior Dimensions (L × W × H)

25 × 26.3 × 39.5 in (63.5 × 66.8 × 100.3 cm)

- Weight

260 lb (118 kg)

- Electrical Supply

230 V AC, 50/60 Hz, single-phase

- Temperature Range

Ambient + 5 °C to 50 °C

- CO₂ Concentration Range

0 – 20 %

- Relative Humidity

< 90 % at 37 °C

Certifications and Compliance

- Product must bear UL, cUL, and CE markings.
- Must comply with EN 61010-1, EN 61326-1, and ISO 9001:2015 manufacturing standards.
- Documentation of certification shall be supplied with bid.
- Only equipment manufactured in Europe or the United States shall be accepted. Products of Chinese origin — including those from companies with registered offices, in the EU or US — shall not be considered compliant.

II. (S-series) G4 Class II Type A2 Biosafety Cabinet

The new BSC with Centurion Touchscreen controller is NSF-certified with standby height that easily activates standby mode, an ergonomic work zone that is comprised of bright illumination using industry-leading dimmable LED combined with raised, durable, stainless-steel armrest. It also comes with wider model options offering stainless steel (S-series) and glass (E-series) side wall variants.

The Airstream® NS (S-series) G4 incorporates greener features, ensuring a more sustainable and environmentally friendly operation. With its compact size and advanced features, this biosafety cabinet offers an unparalleled level of convenience and safety, making it the ideal choice for laboratories and research facilities.

Features

Centurion Touchscreen Controller

- Intuitive, comprehensive, and easy-to-understand
- Virtually comprehensible safety information and cabinet alarms via 3D BSC diagram
- Defined details of alarm types with clear instructions for proper intervention
- Centered and angled down for easy reach & viewing
- Selectable Quickstart mode for fast operation

Dimmable LED

- Adjustable work zone brightness
- Ideal light intensity of 1200 lux
- Saves energy and optimizes work comfort

Ergonomic Features

- 8" sash opening
- Frameless, shatterproof, and UV-absorbing tempered glass

Tray Support Beams and Holder

- Support beams for less vibration
- Holder for easy drain pan cleaning

USB Port and Remote Modbus

- USB port to access cabinet data log and BMS connectivity
- Newly integrated Remote Modbus feature for users to securely access the cabinet remotely from external devices

Cabinet Construction – S-Series

- Stainless steel side walls with side capture zones and negative pressure to optimize containment
- Single-piece work tray, spill retaining and easy to clean

Green Product

- Equipped with energy-efficient DC ECM that allows up to 70% energy savings vs AC motor
- Extremely low energy consumption with 184 watts (4 ft unit)
- Standby mode allows reduced power consumption

ULPA Filter

- 10x filtration efficiency compared to the HEPA filter
- Creates ISO Class 3 work zone instead of industry-standard, ISO Class 5
- Same 10 years filter life and replacement cost as HEPA filters
- 99.999% at 0.1 to 0.3 micron, ULPA as per IEST-RP-CC001.3 USA
- 99.999% at MPPS, H14 as per EN 1822 EU

Isocide™ Antimicrobial Powder Coating

- Eliminates 99.9% of surface bacteria within 24 hours of exposure

Specifications

- **Side Wall Type:** Stainless Steel (S-Series)
- **Sash Opening:** 10" (254 mm)
- **Nominal Width:** 1.8 meter (6 feet)
- **External Dimensions (W × D × H):** 1950 × 850 × 1400 mm (76.8" × 33.5" × 55.1")
- **Gross Internal Dimensions (W × D × H):** 1830 × 610 × 660 mm (72.0" × 24.0" × 26.0")
- **Usable Work Area:** 0.9 m² (9.8 ft²)
- **Maximum Sash Opening:** 490 mm (19.3")
- **Average Inflow Velocity:** 0.53 m/s (105 fpm)
- **Average Downflow Velocity:** 0.30 m/s (60 fpm)
- **Inflow/Exhaust Volume (Without Ducting):** 891 cmh (525 cfm)
- **Downflow Volume:** 1127 cmh (663 cfm)
- **Required Exhaust with Optional Thimble Exhaust Collar:** 948 cmh (559 cfm)
- **Static Pressure for Optional Thimble Exhaust Collar:** 50–60 Pa (0.20–0.24 in H₂O)
- **ULPA Filter Typical Efficiency:** >99.999% on 0.1–0.2 μm particles
- **Sound Emission per NSF/ANSI 49*:** 62.8 dBA
- **LED Lamp Light Intensity:** 114 foot candles (1227 lux)

Construction

- **Main Body:** 1.2 mm EG Steel, Isocide™ Anti-microbial Powder Coating
- **Work Zone:** 1.5 mm, Stainless Steel 304, #4 finish
- **Side Walls (S-Series):** 1.5 mm, Stainless Steel 304, #4 finish
- **Sash Glass:** 6 mm UV-absorbing Tempered Glass

Electrical & Energy

- **Supply:** 110–130 VAC, 50/60 Hz
- **Nominal Power Consumption:** 338 W
- **Heat Load:** 1153 BTU/Hr
- **Cabinet Full Load Amps (FLA):** 15 A

Weight

- **Net Weight:** 361 Kg

Standards & Certifications

- NSF/ANSI 49
- ISO 14644.1 Class 3
- EN 1822 (H14)
- UL 61010-1



- IEC 61326-1

III. Ultra-Low Temperature Freezer

The Ultra-Low Temperature Freezer shall be designed for long-term storage of biological and chemical samples at temperatures from $-50\text{ }^{\circ}\text{C}$ to $-86\text{ }^{\circ}\text{C}$. The unit shall utilize a two-stage cascade refrigeration system, ensuring maximum reliability and uniform cooling throughout the chamber.

The freezer shall be constructed of high-quality, durable materials, incorporate energy-efficient refrigeration components, and employ superior insulation to ensure long-term sample protection and operational stability.

Performance Requirements

- Temperature Range: $-50\text{ }^{\circ}\text{C}$ to $-86\text{ }^{\circ}\text{C}$
- Ambient Operating Range: $15\text{ }^{\circ}\text{C}$ – $32\text{ }^{\circ}\text{C}$
- Capacity: 597 L (21.1 cu ft)
- Energy Consumption: Approx. 11.52 kWh/day
- Heat Emission: 0.71 kW
- Pull-Down Time (Ambient \rightarrow $-80\text{ }^{\circ}\text{C}$): 353 minutes
- Temperature Recovery (After 1 Minute Door Opening): 36 minutes
- Temperature Uniformity at $-80\text{ }^{\circ}\text{C}$: $\pm 7\text{ }^{\circ}\text{C}$
- Warm-up Time ($-80\text{ }^{\circ}\text{C}$ \rightarrow $-50\text{ }^{\circ}\text{C}$): 261 minutes
- Noise Level: 56.1 dBA
- Reserve Capacity:
 - 0 W Load: $-87.8\text{ }^{\circ}\text{C}$
 - 40 W Load: $-85.8\text{ }^{\circ}\text{C}$
 - 60 W Load: $-83.1\text{ }^{\circ}\text{C}$
 - 90 W Load: $-80.1\text{ }^{\circ}\text{C}$
 - 120 W Load: $-76.4\text{ }^{\circ}\text{C}$

Construction

Cabinet

- Exterior: Electro-galvanized steel finished with Isocide™ antimicrobial powder coating, eliminating 99.9 % of surface bacteria within 24 hours.
- Interior: Stainless steel (SS 304) with rounded internal corners for optimum cleanability.
- Insulation: 5 inches (main cabinet) and 4.5 inches (door) of high-density polyurethane foam, providing superior thermal retention and extended warm-up time during power failure.
- Outer Door:
 - Single, right-hand hinged, field-reversible, with ergonomic handle for one-handed opening.
 - Equipped with triple gasket seal for maximum protection against thermal leakage.
 - Magnetic door contact ensures rapid closure.

- Inner Doors:
 - Five (5) individual inner doors, independently operated to minimize sample exposure.
 - Slip-joint hinge design for easy removal during cleaning or maintenance.
- Pressure Equalization Port (PEP):
 - Heated, spring-assisted mechanism to prevent icing.
 - Allows rapid re-opening of the main door after sample loading.
 - Located on the main door for convenient cleaning.

Refrigeration System

- System Type: Two-stage cascade refrigeration.
- Compressors: Dual hermetic 1 hp units, operating at low speed for increased lifespan.
- Refrigerants: CFC-free and HCFC-free HFC blends (R-404A, R-508B, R-290).
- Evaporator: Seamless full-wrap copper tubing to minimize leakage potential.
- Condenser: Oversized, air-cooled, with high-flow, low-noise condenser fans for optimal efficiency.
- Oil Separator: High-performance, energy-efficient type to remove excess oil and contaminants, enhancing system reliability.
- Filter Drier: Danfoss® 100 % 3Å molecular sieve core, optimized for HFC refrigerants.
- HeatRecycler™ Technology: Recycles generated heat energy to reduce power consumption and extend component life.
- Voltage Regulation: Integrated Automatic Voltage Regulator (AVR – 5 kVA, 32 A breaker) maintains stable power supply under fluctuating mains conditions.

Controller

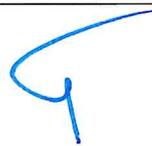
- Type: Microprocessor-based controller with keypad input.
- Display: 7-segment LED display showing actual chamber temperature.
- Functions:
 - Digital temperature display with ± 0.1 °C resolution.
 - Continuous monitoring and data recording of temperature and system events.
 - Visual and audible alarms for:
 - High/Low temperature deviations
 - Power failure
 - Door open
 - Hot condenser
 - Low battery
 - General system faults
 - Mute and Menu buttons for alarm management and parameter settings.
- Communication Interface: RS-485 port compatible with Esco Voyager® software for remote monitoring, datalogging, and programming.
- Security: Key lock provided to restrict access.
- Backup: 12 V DC internal backup battery for power failure alarm and controller display.

<ul style="list-style-type: none"> • Remote Alarm Output: Included, for connection to central alarm system.
<p>Dimensions and Weight</p> <ul style="list-style-type: none"> • External (W × D × H): 1087 × 1060 × 1984 mm (42.8 × 41.7 × 78.1 in.) • Internal (W × D × H): 740 × 620 × 1300 mm (29.1 × 24.4 × 51.2 in.) • Net Weight: 326 kg (718 lb) • Shipping Weight: 388 kg (855 lb)
<p>Electrical</p> <ul style="list-style-type: none"> • Power Supply: 230 VAC ± 10 %, 50/60 Hz, Single Phase • Current Draw: 12 – 13 A • Power Cord: Factory-fitted, grounded type
<p>Operational and Environmental Features</p> <ul style="list-style-type: none"> • Operating Mode: Continuous duty, designed for 24/7 laboratory operation. • Warm-Up Protection: Extended warm-up time maintains low temperature during power loss. • Noise Emission: ≤ 56 dBA, ensuring a quiet working environment. • Environmental Compliance: <ul style="list-style-type: none"> – Refrigerants are CFC-free and HCFC-free. – Uses biodegradable, high-performance synthetic polyolester oil. – Foam insulation is produced using CFC-free blowing agents.
<p>Certifications and Standards</p> <ul style="list-style-type: none"> • Safety and Performance Testing: <ul style="list-style-type: none"> – Complies with ANSI/ASHRAE 72-2005 and ARI 1200-2006/2008. – Third-party tested by UL-validated laboratory (DNS USA). • Listing: UL (U.S. and Canada) for electrical and mechanical safety. • Quality Assurance: Manufactured under strict process control and highly accelerated life testing (HALT).
<p>IV. Autoclave</p>
<p>Performance Requirements</p> <p>Parameter /Specification</p> <ul style="list-style-type: none"> • Control System Advanced microprocessor PID controller with built-in temperature calibration and programmable operation cycles. • Temperature Range Sterilization: 110–123 °C (230–253.4 °F); Melting: 60–100 °C (for agar liquefaction). • Pressure 1.1–1.2 kg/cm² at 121 °C; analog gauge range –0.1 to 0.6 MPa. • Standard Operation Modes Decontamination (121 °C × 35 min) • Solids (121 °C × 20 min) • Liquids (121 °C × 15 min) • Melting (100 °C × 30 min). • Programmable Modes Sterilization 1 / 2, Liquid Sterilization, Melting — each adjustable 110–123 °C or 60–100 °C, duration 1–999 min. • Cycle Operation Fully automatic: Heating → Safety Check → Sterilization → Safe Hold → Exhaust → End.

<ul style="list-style-type: none"> • Calibration <p>On-board temperature calibration accessible via control panel.</p> <ul style="list-style-type: none"> • Display System <p>Independent control display, sterilization process display, and analog pressure gauge.</p> <ul style="list-style-type: none"> • Indicators <p>VFD visualization for temperature, timer, and alerts; LED process status lamps.</p> <ul style="list-style-type: none"> • Data Recording (Option) <p>Six-point dot-type recorder for process documentation.</p> <ul style="list-style-type: none"> • Remote Connectivity (Option) <p>LC Connected via LC GreenBox, enabling mobile app monitoring.</p> <ul style="list-style-type: none"> • Regulatory Data System (Option) <p>LC DataKeeper software, 21 CFR Part 11 compliant, suitable for GMP environments.</p>
<p>Construction and Dimensions</p> <p>Parameter / Specification</p> <ul style="list-style-type: none"> • Chamber Volume <p>85 L / 3.0 cu ft</p> <ul style="list-style-type: none"> • Chamber Type <p>Vertical, top-loading, double-walled insulated stainless chamber.</p> <ul style="list-style-type: none"> • Interior (W×H) <p>400 × 758 mm (15.75 × 29.84 in)</p> <ul style="list-style-type: none"> • Exterior (W×D×H) <p>624 × 672 × 1083 mm (24.57 × 26.46 × 42.64 in)</p> <ul style="list-style-type: none"> • Exterior with Exhaust Tank <p>722 × 672 × 1083 mm (28.42 × 26.46 × 42.64 in)</p> <ul style="list-style-type: none"> • Door Opening (W×D×H) <p>1012 × 672 × 1095 mm (39.84 × 26.46 × 43.11 in)</p> <ul style="list-style-type: none"> • Basket (Ø×H) <p>380 × 330 mm (14.96 × 12.99 in)</p> <ul style="list-style-type: none"> • Net Weight <p>104 kg / 229 lb</p> <ul style="list-style-type: none"> • Chamber Material <p>Polished stainless steel, corrosion-resistant.</p> <ul style="list-style-type: none"> • Gasket <p>Easily replaceable silicone gasket.</p> <ul style="list-style-type: none"> • Loading System <p>Stackable stainless baskets (two-high or more).</p> <ul style="list-style-type: none"> • Door Design <p>Slide-type opening door with low-thermal-conductivity plastic cover for burn prevention.</p>
<p>Electrical and Operating Conditions</p> <p>Parameter / Specification</p> <ul style="list-style-type: none"> • Power Supply <p>230 V AC ± 10 %, 50/60 Hz (single phase)</p> <ul style="list-style-type: none"> • Rated Current <p>14.3 A</p> <ul style="list-style-type: none"> • Permissible Altitude <p>≤ 800 m above sea level</p> <ul style="list-style-type: none"> • Timer Range

Handwritten blue marks, including a large '9' and a signature-like scribble.

0 – 999 minutes
<p>Safety Systems</p> <p>Mechanical Safety Devices</p> <ul style="list-style-type: none"> • Over-temperature protection with automatic power cutoff. • Over-pressure protection via automatic and manual safety valves. • Over-current circuit protection. <p>Warning and Interlock Functions</p> <ul style="list-style-type: none"> • Over-temperature and low-temperature alarms. • Low-water-level protection with heater cutoff. • Low-heat warning if sterilization temperature is not reached. • Sterilization-failure alert for interrupted cycles. <p>Door Safety</p> <ul style="list-style-type: none"> • Interlock prevents opening under pressure. • Door shield of low thermal conductivity prevents operator burns.
<p>Convenience and Documentation</p> <ul style="list-style-type: none"> • Easy pressure verification via front-mounted gauge. • Real-time process monitoring through dual display and indicator lamps. • Optional integrated dot-type recorder for precise temperature/pressure documentation. • Compatible with LC Connected for remote monitoring. • Optional LC DataKeeper system provides GMP-compliant data storage and 21 CFR Part 11 electronic signature capability.
<p>Proprietary Features</p> <ol style="list-style-type: none"> 1. Automatic six-stage sterilization cycle sequence. 2. Independent triple-display interface (control, process, and pressure). 3. Optional factory-integrated remote monitoring via LC Connected. 4. Programmable multi-mode operation (1–999 min cycles within 110–123 °C range). 5. Top-loading vertical configuration with stackable stainless baskets. 6. Comprehensive mechanical and electronic safety redundancy.
<p>Compliance and Quality</p> <ul style="list-style-type: none"> • Manufactured under ISO 9001:2015 quality system. • Designed for use in GMP-regulated laboratories. • Meets electrical safety requirements of EN 61010-1. • Optional data management system complies with 21 CFR Part 11.FDA • MUST not be Chinese



LOT 6

I. Tissue Lyser III with Tissue Lyser Adapter set (2*24)
II. Locator™ Plus Rack and Box Systems with level alarm
I. Tissue Lyser III with Tissue Lyser Adapter set (2*24)
Features <ul style="list-style-type: none">• Bead mill - intended for molecular biology applications• Benchtop• Simultaneously disrupts multiple biological samples through high-speed shaking in tubes or 96-well plates• Easy to run and customize disruption protocols• 7 pre-programmed protocols and 5 customizable protocols for maximum sample versatility• Allows end user to create custom program cycles to conveniently set the disruption parameters• Suited for high-throughput disruption of animal and plant tissues, bacteria and yeast• Touch screen for ease of use• Integrated software for pre-programmed and customizable protocols• Wide range of accessories to process versatile sample volumes• Reproducible results for difficult-to-lyse samples (e.g., cells, tissues, bones, etc.)• Can also disrupt and homogenize large samples• 220–240 V, 50/60Hz; variable speeds from 3 to 30 Hz (180–1800 oscillations/minute)• Convenient and secure disruption process.• Beads (5mm, 7mm) for use in sample disruption with TissueLyser systems. High-speed shaking of sample material and a single bead in a Collection Microtube or 2 ml microcentrifuge tube for a few minutes allows rapid and efficient disruption of the sample
Specifications: <ul style="list-style-type: none">• Dimensions Height: 350 mm (up to 640 mm with the hood raised)• Width: 385 mm• Depth: 470 mm• Disruption principle High-speed shaking of samples with different bead types• Protocol 7 pre-programmed protocols and 5 customizable protocols• Technical data 100–120/220–240V, 50HZ; variable speeds from 3 to 30 Hz (180–1800 oscillations/minute)• Compatible kits All kits for purification of DNA and RNA• Throughput 2 x 24 tubes (2 mL)• Technology Bead Mill

II. Locator™ Plus Rack and Box Systems with level alarm

Features:

- Compact design to minimize space requirements while maximizing storage capacity
- Suited for both manual and computerized inventory record-keeping methods

- Outstanding temperature uniformity: samples are stored below -180°C, even when less than 2 in. (5cm) of liquid nitrogen remains in the vessel
- Audible alarm that sounds when nitrogen level falls below safe range; dry remote alarm contact for remote monitoring
- Advanced vacuum insulation to minimize liquid nitrogen evaporation and reduces operating costs
- Secure locking to prevent unauthorized entry

Specifications:

- | | |
|---------------------------------|-------------------------------|
| • Diameter (Metric) | 55.9 cm |
| • Diameter (Metric) Inside Neck | 20-22 cm Inside Neck Diameter |
| • Electrical Requirements | 220 V 50 Hz |
| • Weight | 40-45 kg weight |
| • Height (Metric) Exterior | 67.9 cm |
| • Holds | 2000 vial capacity |
| • Includes | Level Monitor |
| • Insulation | Advanced vacuum insulation |
| • Secure locking | |
| • Model | Locator Jr. Plus |
| • Rack Capacity | Four Rack Capacity |
| • Type | Manual Fill LN2 Dewar |
| • Capacity (Metric) | 71 L |
| • Monitoring Options | Ultrasonic Level |
| • Temperature Range | Below -180°C |
| • Static Holding Time | 80-83 Days |
| • Static Evaporation Rate | 0.85L |
| • Compliance | CE, CSA compliance |



LOT 7

<p>I. Refrigerated Microcentrifuge: C.5427R with Rotor FA 45-30-11</p> <p>II. Refrigerated Centrifuge for 15 ml & 50 ml: C.5804R with Rotor S4-72</p>
<p style="text-align: center;">I. Refrigerated Microcentrifuge: C.5427R with Rotor FA 45-30-11</p>
<ul style="list-style-type: none">• Centrifuge 5427 R• Description <p>High-throughput 48-place microcentrifuge, refrigerated (natural refrigerant (R290)) for temperature sensitive samples</p> <ul style="list-style-type: none">• Max Capacity 48 x 1.5/2.0 mL• Max. Speed RCF 25,001 x g• Max. rpm 16,220• Rotor options 9• Refrigerated -10 °C to 40 °C
<ul style="list-style-type: none">• Rotor FA -45-30-11• Description <p>Aerosol-tight with Eppendorf Quicklock lid</p> <ul style="list-style-type: none">• Max Capacity 30 x 1.5/2.0mL tubes• Max. Speed RCF 20,817 x g (14,000 rpm)
<p style="text-align: center;">II. Refrigerated Centrifuge for 15 ml & 50 ml: C.5804R with Rotor S4-72</p>
<ul style="list-style-type: none">• Centrifuge 5804 R• Description <p>High speed multipurpose centrifuge with medium capacity</p> <ul style="list-style-type: none">• Max Capacity 4 × 250 ml• Max. Speed RCF 20,913 × g• Max. rpm 14,000• Rotor options 12• Refrigerated -9 °C to 40 °C
<ul style="list-style-type: none">• Rotor S-4-72• Max. capacity 5804/5804 R 4 × 250 mL• Max. capacity 5810/5810 R -

- Description

Economic swing-bucket rotor for blood, bacteria, cell culture centrifugation

- Aerosol-tightness tubes/plates

no/–

- Max. RCF 3,234 × g

- Max. speed 4,200 rpm

- Eppendorf Tubes® 5.0 mL and 15 mL conical

32

- 25 mL snap cap tubes

16

- 25 mL screw cap tubes

16

- 50 mL conical tubes

16

- 13 mm round-bottom and blood collection tubes

56

- 16 mm round-bottom and blood collection tubes

52

- 1.5/2.0 mL micro tube

104

- PCR plates/MTP –

- Deepwell plates (DWP) –

