



الرقم	اسم المادة ومواصفاتها	الكمية المطلوبة	الوحدة	الأسعار بالدينار الأردني				الماركة	المنشأ	الموديل	مدة التسليم	ملاحظات
				سعر الوحدة		القيمة						
				ف	د	ف	د					
1.	<p>Laboratory Incubator</p> <ul style="list-style-type: none"> Laboratory Incubator for general use in Microbiology labs which are ideal for cultures Volume: 50 to 150 liters Working temperature range (5-65°C) ($\pm 0.5^\circ\text{C}$ accuracy) Temperature Control system Natural convection heat distribution Double wall construction, fiberglass insulation provided on 5 sides as well as between inner and outer walls, and silicon rubber door sealing reduce heat loss and power drain. Stainless steel interior chamber and shelves are corrosion resistant, durable and easy to clean. 2 or 3 shelves (shelves can be adjusted) 	1	Unit									



2.	<p>Refrigerator with freezer</p> <ul style="list-style-type: none"> • Reliable temperature control system • Inside temperature 2~8°C • Forced-air cooling system with optimized air distribution system designed to achieve maximum temperature uniformity and stability • Frost-free • Built-in freezer with separate door 	1	Unit									
3.	<p>Orbital Shaker-Incubator</p> <ul style="list-style-type: none"> • Shaker-Incubator used for mixing of biological liquids as well as for incubation and cultivation of biological liquids according to the operator set program • Flask Capacity: Up to 4 x 1L flasks or 8 x 500mL flasks • Temperature setting range 25°C - 50°C • temperature control system • Shaking Speed: 30 to 300 RPM • Interior Material: Stainless steel 	1	Unit									



	<ul style="list-style-type: none"> for durability and easy cleaning Exterior Material: Powder-coated or stainless steel Shaking Platform Safety: Non-slip platform with flask holders Alarms: Audio alarms for temperature and speed deviations 										
4.	<p>Biological Safety Cabinet</p> <p>Airflow Specifications</p> <ul style="list-style-type: none"> Inflow Velocity: 0.53 ± 0.025 m/s Downflow Velocity: 0.33 ± 0.025 m/s Control System: 70% air recirculation, 30% air exhaust <p>Filters</p> <ul style="list-style-type: none"> Type: ULPA (Ultra-Low Penetration Air) Filters Efficiency: 99.9995% at $0.12 \mu\text{m}$ Quantity: 2 Features: Filter life indicator <p>Front Window</p> <ul style="list-style-type: none"> Material: Motorized, single-layer toughened glass, 5 mm, anti-UV Features: One-key lift function <p>UV Lamp</p> <ul style="list-style-type: none"> Features: UV timer, UV life indicator, emission of 253.7 nm 	1	Unit								



<p>for efficient decontamination</p> <p>LED Lamp</p> <ul style="list-style-type: none"> • Illumination: ≥ 1000 Lux <p>Sockets</p> <ul style="list-style-type: none"> • Quantity: 2 • Total Load: 500 W <p>Display</p> <ul style="list-style-type: none"> • Type: LCD • Features: Displays exhaust filter and downflow filter pressure, filter and UV lamp working time, inflow and downflow velocity, filter life, humidity and temperature, system working time, etc. <p>Alarms</p> <ul style="list-style-type: none"> • Types: Visual and audio alarms • Functions: Filter replacement, window over height, abnormal airflow velocity, high filter pressure, abnormal power failure <p>Materials</p> <ul style="list-style-type: none"> • Work Zone: 304 stainless steel • Main Body: Cold-rolled steel with anti-bacteria powder coating <p>Accessories</p> <ul style="list-style-type: none"> • Water and gas tap • Electric height adjustable base stand (optional) 											
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	<ul style="list-style-type: none"> • Armrest (optional) 											
5.	<p>pH meter</p> <p>Measurement Range</p> <ul style="list-style-type: none"> • pH Range: 0.00 to 14.00 pH • mV Range: -1999 to +1999 mV • Temperature Range: 0 to 100°C <p>Accuracy</p> <ul style="list-style-type: none"> • pH Accuracy: ± 0.01 pH • mV Accuracy: ± 0.2 mV • Temperature Accuracy: ± 0.5°C <p>Resolution</p> <ul style="list-style-type: none"> • pH Resolution: 0.01 pH • mV Resolution: 0.1 mV • Temperature Resolution: 0.1°C <p>Calibration</p> <ul style="list-style-type: none"> • pH Calibration Points: Up to 5 points • Calibration Buffers: Standard buffers (pH 4.00, 7.00, 10.00) <p>Display</p> <ul style="list-style-type: none"> • Type: Large backlit LCD display • Information Displayed: pH/mV, temperature, calibration status, electrode condition, date, and time <p>Temperature Compensation</p> <ul style="list-style-type: none"> • Type: Automatic or manual 	1	Unit									



<ul style="list-style-type: none"> • Range: 0 to 100°C <p>Electrode</p> <ul style="list-style-type: none"> • Type: Combination glass pH electrode • Connector: BNC connector • Temperature Sensor: Integrated or separate <p>Additional Features</p> <ul style="list-style-type: none"> • Data Logging: Storage for up to 500 data sets • Interface: USB and RS232 for data transfer to PC • Power Supply: AC adapter or rechargeable battery • Housing: Splash-proof and chemical-resistant housing • Auto-Ranging: For pH and mV measurements • Stability Indicator: Ensures stable readings before recording • Auto-Off: Power-saving feature <p>Included Accessories</p> <ul style="list-style-type: none"> • pH Electrode: Combination glass electrode with temperature sensor • Buffer Solutions: pH 4.00, 7.00, and 10.00 calibration buffers 											
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6.	<p>Portable Autoclave</p> <p>Capacity</p> <ul style="list-style-type: none"> • Volume: 10 to 12 liters <p>Temperature and Pressure</p> <ul style="list-style-type: none"> • Operating Temperature: 121°C • Operating Pressure: 1.1 to 1.3 bar (16 to 19 psi) <p>Construction</p> <ul style="list-style-type: none"> • Material: Stainless steel chamber and lid • Lid: Equipped with a safety valve and steam release valve • Sealing: Rubber gasket for airtight sealing <p>Heating</p> <ul style="list-style-type: none"> • Type: Electric heating element • Power: 110V/220V, 50/60 Hz • Power Consumption: 500 to 700 watts <p>Controls</p> <ul style="list-style-type: none"> • Control Type: Manual control with pressure gauge • Timer: Manual timer, typically up to 60 minutes • Indicators: Pressure gauge, 	1	Unit									



<p>temperature gauge</p> <p>Safety Features</p> <ul style="list-style-type: none"> • Safety Valve: Prevents over-pressurization • Steam Release Valve: Manual release of steam • Automatic Shut-Off: Overheating protection <p>Dimensions and Weight</p> <ul style="list-style-type: none"> • External Dimensions: Approximately 350 x 350 x 450 mm (W x D x H) • Weight: 5 to 8 kg <p>Additional Features</p> <ul style="list-style-type: none"> • Handle: Heat-resistant handles for easy transport • Tray: Stainless steel sterilization tray included • Water Level Indicator: Ensures correct water level for operation <p>Included Accessories</p> <ul style="list-style-type: none"> • Sterilization Tray: Stainless steel tray for instruments • Power Cord: Compatible with local electrical standards <p>User Manual: Instructions for safe operation and maintenance</p>											
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7.	<p>Adjustable Volume Pipettes <u>Multichannel pipette (8 channels)</u></p> <p>Volume Range</p> <ul style="list-style-type: none"> • Range: 0.5-10 μL (quantity: 1) • Range: 5-50 μL (quantity: 1) • Range: 50-300 μL (quantity: 1) <p>Construction and Materials</p> <ul style="list-style-type: none"> • Body: Lightweight, ergonomic design for comfortable use • Material: High-quality plastic and stainless steel components • Piston: Corrosion-resistant stainless steel or durable plastic <p>Adjustment Mechanism</p> <ul style="list-style-type: none"> • Volume Adjustment: Digital or manual volume setting with an easy-to-read display <p>Tip Compatibility</p> <ul style="list-style-type: none"> • Tip Ejector: Built-in tip ejector for easy and contamination-free disposal • Tip Compatibility: Compatible with standard pipette tips; specific tips may be recommended for optimal performance <p>Calibration</p> <ul style="list-style-type: none"> • Factory Calibrated: Pre-calibrated 	<p>3 (أحجام مختلفة حسب ما هو موضح في المواصفات)</p>	Unit									



	with a calibration certificate User Calibration: Easy user calibration for maintaining accuracy over time											
8.	<p>Hotplate</p> <p>Heating Capacity</p> <ul style="list-style-type: none"> • Temperature Range: Ambient to 500°C • Heating Surface: Ceramic or aluminum • Surface Dimensions: Approximately 180 x 180 mm to 250 x 250 mm • Power: 500 to 1500 watts <p>Heating Plate</p> <ul style="list-style-type: none"> • Material: Chemically resistant ceramic or anodized aluminum • Surface: Smooth and easy to clean • Size: Varies, typically 180 x 180 mm to 250 x 250 mm <p>Control System</p> <ul style="list-style-type: none"> • Type: Digital or analog temperature control • Display: LED or LCD display for temperature readout • Temperature Accuracy: $\pm 1^{\circ}\text{C}$ 	1	Unit									



	<ul style="list-style-type: none"> • Temperature Uniformity: $\pm 2^{\circ}\text{C}$ across the surface • Heating Rate: Rapid heating with precise control <p>Stirring Capacity (combined with a magnetic stirrer)</p> <ul style="list-style-type: none"> • Stirring Speed: 100 to 1000 RPM • Max Stirring Volume: Up to 5 liters, depending on the model • Stirring Control: Independent control for stirring speed <p>Stir Bar Length: Compatible with stir bars up to 80 mm</p>										
9.	<p>Vortex Mixer</p> <p>Mixing Speed</p> <ul style="list-style-type: none"> • Speed Range: 300 to 3200 RPM • Speed Control: Variable speed control (analog or digital) <p>Orbit Diameter</p> <ul style="list-style-type: none"> • Orbit: 4 mm to 6 mm <p>Modes of Operation</p> <ul style="list-style-type: none"> • Operation Modes: Continuous or touch (pulse) operation 	1	Unit								



	<p>Capacity</p> <ul style="list-style-type: none"> • Tube Capacity: Accommodates single test tube, multiple tubes with appropriate accessories, or microplate adapters • Holder Type: Standard cup head for single tubes, with optional attachments for microplates and other containers <p>Construction</p> <ul style="list-style-type: none"> • Housing Material: Durable, chemically-resistant ABS or metal • Platform Material: Rubber platform for secure gripping of tubes and containers <p>Accessories</p> <ul style="list-style-type: none"> • Standard Head: For single tube mixing • attachments for different types of tubes and plates (Optional) 											
10.	<p>Liquid nitrogen bottle</p> <ul style="list-style-type: none"> • Volume: 10 litres 	1	bottle									



	<ul style="list-style-type: none"> • Static Evaporation Rate: 0.12 litres/day • Static Holding Time: 83 days • High-efficiency multilayer insulation • Neck Tube: Narrow neck design to reduce liquid nitrogen loss • Lid: Tight-fitting insulated lid with venting system • Handles: Ergonomic handles for easy transport 											
11.	<p>Analytical balance</p> <ul style="list-style-type: none"> • Basic Analytical Balance • Precision: 0.1 mg • Capacity: 100-200 g <p>Construction and Design</p> <ul style="list-style-type: none"> • Housing: Durable ABS plastic or metal housing • Draft Shield: Removable or sliding draft shield to prevent air currents from affecting measurements • Leveling: Built-in level indicator and adjustable leveling feet for stability 	1	Unit									



12.	<p>Camera</p> <p>General Specifications</p> <ul style="list-style-type: none"> • Sensor: APS-C CMOS sensor • Megapixels: 24.1 MP • ISO Range: 100-6400 (expandable to 12800) • Image Processor: DIGIC 4+ <p>Image and Video Quality</p> <ul style="list-style-type: none"> • Max Image Resolution: 6000 x 4000 pixels • Video Resolution: Full HD 1080p at 30 fps • File Formats: JPEG, RAW for images; MOV, MP4 for videos • Autofocus: 9-point AF system, including one center cross-type AF point <p>Display and Viewfinder</p> <ul style="list-style-type: none"> • LCD Screen: 3.0-inch, 920k-dot fixed LCD • Viewfinder: Optical pentamirror, 95% coverage, 0.8x magnification <p>Connectivity</p>	1	Unit									



	<ul style="list-style-type: none"> • Wi-Fi: Built-in for easy sharing and remote control • Ports: USB 2.0, HDMI mini out <p>Battery</p> <ul style="list-style-type: none"> • Battery Life: Approximately 500 shots per charge (CIPA standard) <p>Included Accessories</p> <ul style="list-style-type: none"> • Kit Lens: 18-55mm f/3.5-5.6 IS II lens • Battery: Rechargeable lithium-ion battery (LP-E10) • Charger: Battery charger (LC-E10) • Strap: Neck strap for easy carrying • Memory Card: SD card (varies by retailer) • User Manual: Instructions for setup and operation 											
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