



R-Q56-2023.24

رقم الاستدراج:

الشادة:
تلفون:
إيميل:

21/3/2024

R-BR2324-000

استدراج عروض أسعار: الرجاء تزويدنا بأسعار اللوازم التالية شامل لضريبة القيمة المضافة:

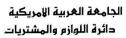
	اسم الصنف	الوحدة	الكمية	السعر السعر	اجمالي تكلفة البند
1	Automated Lensometer	عدد	1.00		
2	Hot Air Oven	عدد	1.00		
3	MELTING POINT APPARATUS	375	5.00		
4	Binocular Microscope	335	1.00		
5	Benchtop PH Meter	375	1.00		
6	Water Distiller (Small Volume)	عدد	1.00		
7	Circulating Water Vacuum Pump	عدد	1.00		
8	U.V. Light	عدد	1.00		
9	Digital Timer	عدد	5.00		7/
10	Bunsen Burners	عدد	10.00		
11	Lancets	عدد	2.00		
		المجموع الدّ	کلي (ش.ض)	شيقل	

ختم وتوقيع المورد:	ه الاستدراج	تعليمات
	الأحد	** آخر موعد لتسليم العروض هو يوم:
	31-Mar	** الموافق:
	اجهزة طبية	** طبيعة البنود المطلوبة:
	شيقل	** بعملة:
	التوصيل الى حرم رام الله	** الأسعار تشمل التوصيل الى
	بالظرف المغلق	** يرجى إرسال العرض ب:

### شروط الاستدراج:

- \*\* ضرورة تحديد مدة الكفالة إن وجدت.
- \*\* ضرورة تحديد مدة التوريد من تاريخ استلام امر الشراء، و في حال عدم الالتزام يتم فرض غرامة تأخير .
- \*\* ختم وتوقيع المورد المعتمد على هذا النموذج، وكتابة رقم الاستدراج واسم الشركة كما هو مسجل لدى الضريبة على الظرف.
- \*\* للمراجعة والاستفسار بخصوص المواصفات يرجى الاتصال على هاتف 022941999 رقم داخلي1910
  - " للمراجعة والاستفسار بخصوص المواصفات عن طريق بريد الكتروني Rasha.kmail@aaup.edu

PPD-P04 PROCEOREMENT AND PURCHASIN
DEPARTMENT - RAMALLAH





لمشاهدة العطاءات والاستدراجات، يرجى الدخول الى الرابط http://www.aaup.edu/tenders

مليدائرة اللوازم و المشتريات المستريات - رام الله PROCUREMENT AND PURCHASIN DEPARTMENT - RAMALLAH



### **Item #1: Automated Lensometer**

#### Brand name.

3 years warranty, 10 years availability of spare parts.

Origin: USA, EURO, Japan. Computerized Operation:

• Fully computerized lensometer for accurate and efficient measurements.

### Ease of Operation:

• Intuitive user interface for easy operation.

### LCD Display:

Clear and compact LCD display for enhanced visibility.

### Measurement Range:

- Sphere: 0 to  $\pm 25D$  with 0.01/0.12/0.25D steps.
- Axis: 0° to 180° with 1° step.
- Cylinder: 0 to  $\pm 10D$  with 0.01/0.12/0.25D steps.
- Addition: 0 to +10D with 0.01/0.12/0.25D steps.
- Prism: 0 to  $10\Delta$ .

#### **Automatic Detection:**

Multi and Monofocal Detection:

• Automatic detection of multifocal and monofocal lenses.

### UV Measurement Function:

• UV measurement function from 0 to 100%.

### Prism and Cylinder Modes:

- Prism Mode: XY (Orthogonal), PB (Polar Coordinates), No display.
- Cylinder Mode: MIX/+/-

### **Light Source:**

Refractive Measurement:

• Green LED 535±5 nm.

#### UV Measurement:

UV LED 365±5 nm.

### Lens Compatibility:

- Lens Diameter: 5 100 mm.
- Scale Mode: LPD/RPD, PD.
- PD Measurement Range: 50 90 mm.
- Contact Lens Measurement:
  - Easy measuring of both hard and soft contact lenses.

### Additional Features:

External Interface Compatibility:

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ائرة اللوازم والمشتريات – رام الله PROCUREMENT AND PURCHASIN DEPARTMENT – RAMALLAH



Ability to connect to external interfaces for enhanced functionality.

Green Measurement Light Beam:

• Green light beam for accurate measurements.

Thermal Printer:

• Built-in thermal printer for printing measurement results.

Printer Paper:

• Compatible with thermal paper for convenient printing.

السعر يشمل التوريد والتركيب ويجب أن يتم توضيح جميع متطلبات التركيب في عرض السعر من ملحقات ومتطلبات. 

Kindly your offer will not be taken into our consideration if you don't fill below table.

Automated Lensometer	Yes/No	Comment
Manufacture	Manufacture	
Model	Model	
Origin: USA, EUPRE, japan.	Origin	
Delivery time	Weeks	
3 years Full warranty 10 years availability for spare parts	Yes/No.	
Computerized Operation:		
Fully computerized lensometer for accurate and efficient measurements.	Yes/No	
Ease of Operation:	Yes/No	
Intuitive user interface for easy operation.	Ves/No	
LCD Display:	Yes/No.	
Clear and compact LCD display for enhanced visibility.		
Measurement Range:	Yes/No	
Sphere: 0 to $\pm 25D$ with 0.01/0.12/0.25D steps.	Yes/No	
Axis: 0° to 180° with 1° step.		
Cylinder: 0 to $\pm 10D$ with 0.01/0.12/0.25D steps.	Yes/No	
Addition: 0 to $+10D$ with $0.01/0.12/0.25D$ steps.	Ves/No	
Prism: 0 to $10\Delta$ .	Yes/No	
Automatic Detection:		
Multi and Monofocal Detection:	Yes/No	
Automatic detection of multifocal and monofocal lenses.	Yes/No	
UV Measurement Function:		
UV measurement function from 0 to 100%.	Yes/No	
Prism and Cylinder Modes:	Yes/No	
Prism Mode: XY (Orthogonal), PB (Polar Coordinates), No display.	Yes/No	
Cylinder Mode: MIX/+/-	Yes/No	
Light Source:	Y es/No	
Refractive Measurement		





# الجامعة العربية الأمريكية

Green LED 535±5 nm.	Yes/No	
UV Measurement:	Yes/No	
UV LED 365±5 nm.		
Lens Compatibility:	Yes/No	
Lens Diameter: 5 – 100 mm.	Yes/No	
Scale Mode: LPD/RPD, PD.		
PD Measurement Range: 50 – 90 mm.	Yes/No	
Contact Lens Measurement:	Yes/No	
Easy measuring of both hard and soft contact lenses.	Yes/No	
Additional Features:		
External Interface Compatibility:		
Ability to connect to external interfaces for enhanced	Yes/No	
functionality.		
Green Measurement Light Beam:	Yes/No	
Green light beam for accurate measurements.	Ves/No	· · · · · · · · · · · · · · · · · · ·
Thermal Printer:	Yes/No	
Built-in thermal printer for printing measurement results.	Yes/No	
Printer Paper:	Yes/No	
Compatible with thermal paper for convenient printing.	Yes/No	
The price includes installation and team training on-site.		
Date of manufacture of the machine not less than 2024	Yes/No	
Your warranty must include all spare parts and labor.	Yes/No	
Your warranty includes at least two visits at least	Yes/No	
(preventive maintenance) onsite for each year's warranty		
from the installation date.		
10 years Warranty for spare parts Availability from date	Yes/No	
of instillation		
Service & and operation manuals and spare parts list are	Yes/No	
included		

### Item #2 Hot Air Oven:

Brand name.

4 years warranty, 10 years availability of spare parts.

Origin: USA, EURO, Japan

### Application:

• Application: General laboratory use

Capacity:





# الجامعة العربية الأمريكية

• Volume: 65 L

### **Temperature Range:**

• Temperature Range: Up to 30°C - 250°C

### Control and Adjustability:

• Control System: Microprocessor control

• Adjustable Parameters: Time, temperature, airflow, etc.

### Self-Diagnostics and Display:

• Self-Diagnostics: Includes self-diagnostics for error detection

• Display: Clear display with readable information

### **Temperature Resolution:**

• Temperature Resolution: Display resolution for set point and actual temperature values: 0.1°C

### **Program Management:**

Program Storage: Programs stored in case of power failure

• Recovery Time: Fast recovery time for consistent performance

#### **Shelves and Access:**

• Shelves: Equipped with two shelves for optimal space utilization

Access Port: Includes an access port for added convenience

#### Power:

• Power Supply: 220V, 50 Hz

### Calibration and Certificate:

• Temperature Calibration: Comes with a temperature calibration certificate

#### Safety and Training:

• Documentation: User and service manual provided in English

• Operator Training: Comprehensive on-site training for operators

### السعر يشمل التوريد والتركيب ويجب أن يتم توضيح جميع متطلبات التركيب في عرض السعر من ملحقات ومتطلبات.

\* Kindly your offer will not be taken into our consideration if you don't fill in the table below.

<u>Hot Air Oven</u>	Yes/No	Comment
Manufacture.	Manufacture	
Model.	Model	
Origin: USA, Europe, Japan.	Origin	
Delivery time.	Weeks	
4 years Full warranty.	Yes/No	
Brand name.	Yes/No	
Application:	Yes/No	

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# الجامعة العربية الأمريكية

Application: General laboratory use	Yes/No	
Capacity:	Yes/No	
Volume: 65 L	Yes/No	
Temperature Range:	Yes/No	
Temperature Range: Up to 30°C - 250°C	Yes/No	
Control and Adjustability:	Yes/No	
Control System: Microprocessor control	Yes/No	
Adjustable Parameters: Time, temperature, airflow, etc.	Yes/No	
Self-Diagnostics and Display:	Yes/No	
Self-Diagnostics: Includes self-diagnostics for error detection	Yes/No	
Power Supply: 220V, 50 Hz		
Display: Clear display with readable information	Yes/No	
Temperature Resolution:	Yes/No	
Temperature Resolution: Display resolution for set point and actual temperature values: 0.1°C	Yes/No	
Program Management:	Yes/No	
Program Storage: Programs stored in case of power failure	Yes/No	
Recovery Time: Fast recovery time for consistent performance	Yes/No	
Shelves and Access:	Yes/No	
Shelves: Equipped with two shelves for optimal space utilization	Yes/No	
Access Port: Includes an access port for added convenience	Yes/No	
Calibration and Certificate:	Yes/No	
Temperature Calibration: Comes with a temperature calibration certificate	Yes/No	
Safety and Training:	Yes/No	
Documentation: User and service manual provided in English	Yes/No	
Operator Training: Comprehensive on-site training for operators	Yes/No	
The price includes installation with application training on-site.	Yes/No	
Complete and Ready to use with all accessories.	Yes/No	
Date of manufacture not less than 2024.	Yes/No	

الرة اللوازم والمشريات - رام الله PROCUREMENT AND PURCHASIN DEFARTMENT - RAMALLAH



### الجامعة العربية الأمريكية

في حال وجود أية قطعة ضرورية لتشغيل الجهاز غير موضحة يرجى ذكرها وتوضيحها في العرض غير ذلك تعتبر الشركة بتحمل وجود أية	Yes/No	
نواقص		

### **Item #3: MELTING POINT APPARATUS**

3 years warranty, 10 years availability of spare parts.

Origin: Brand name USA, EURO, Japan

- For educational use.
- Analog melting point.
- Temperature range: Ambient to 300 C.
- Number of samples: up to 3 simultaneously.
- With thermometer and pack of 200 melting point tubes sealed one aside (include with your Unit price)
- Electrical supply: 220 v.

# السعر يشمل التوريد والتركيب ويجب أن يتم توضيح جميع متطلبات التركيب في عرض السعر من ملحقات ومتطلبات غير ذلك المورد ملزم بأية مصاريف أو أعمال يحتاجها الجهاز.

\* Kindly your offer will not be taken into our consideration if you don't fill in the table below.

MELTING POINT APPARATUS	Yes/No	Comment
Manufacture	Manufacture	
Model	Model	
Origin	Origin	
Delivery time	Delivery time	
3 years warranty	Yes/No	***************************************
For educational use.	Yes/No	





# الجامعة العربية الأمريكية

l a v sa s	¥	
Analog melting point.	Yes/No	
Temperature range: Ambient to 300C.	Yes/No	
Number of samples: up to 3 simultaneously.	Yes/No	
With a thermometer and pack of 200 melting point tubes. sealed one aside	Yes/No	
Power: 220 V.	Yes/No	
User's and service manual.	Yes/No	
The price includes installation and team training onsite.	Yes/No	
References in Palestine are Attached to your offer	Yes/No	
3 years warranty	Yes/No	
10 years availability for spare parts	Yes/No	
Optional price		
100 melting point tubes closed at one side.	Price	
Heater element	Price	
Thermostat	Price	

### Item #4 Binocular Microscope:

Brand name.

3 years warranty, 10 years availability of spare parts.

Origin: USA, EURO, Japan

### **Observation Modes:**

• Observation Modes: Bright-field

**Optical System:** 





Optical System: Infinity Optical System

### **Head and Eyepieces:**

- Eyepieces: Two Eyepieces WF 10X/18
- Head Inclination: Tube inclination 30°
- Head Rotation: 360°
- Interpupillary Distance: 48 75 mm
- Nosepiece: Quadruple reverse angle nosepiece
- Anti-Fungus Coating: Coating on objectives, eyepieces, and observation tubes

#### Illumination:

- Illumination Type: White LED illumination (adjustable)
- Illumination Design: Koehler illumination

### **Objectives:**

• Infinity Objectives: 4x/0.10, 10x/0.25, 40x/0.65 (spring-loaded), 100x/1.25 (oil, spring-loaded)

#### Focusing:

• Focusing Mechanism: Adjustable coaxial coarse and fine focusing knob with the upper stop

### Condenser:

- Condenser Type: Abbe Bright-field condenser N.A 1.25
- Features: Integrated iris diaphragm and filter tray
- Adjustable: Condenser and light intensity adjustable

#### Stage:

- Mechanical Stage: Double-layer mechanical stage size: 130 mm x 130 mm
- Stage Movement: Up/down movement of 20 mm
- X/Y Moving: X/Y moving range of 76 mm 30 mm

#### Power:

• Power Supply: 220V, 50 Hz

### **Included Accessories:**

• Accessories: Dust cover, filter, immersion oil, disposable delicate task wipers, instruction manual, and service manual

### السعر يشمل التوريد والتركيب ويجب أن يتم توضيح جميع متطلبات التركيب في عرض السعر من ملحقات ومتطلبات.

\* Kindly your offer will not be taken into our consideration if you don't fill in the table below.

Binocular Microscope	Yes/No	Comment
Manufacture.	Manufacture	
Model.	Model	
Origin:	Origin	
Delivery time.	Weeks	
3 years Full warranty.	Yes/No	





# الجامعة العربية الأمريكية

Brand name.	Yes/No
Observation Modes:	Yes/No
Observation Modes: Bright-field	Yes/No
Optical System:	Yes/No
Optical System: Infinity Optical System	Yes/No
Head and Eyepieces:	Yes/No
Eyepieces: Two Eyepieces WF 10X/18	Yes/No
<ul> <li>Head Inclination: Tube inclination 30°</li> </ul>	Yes/No /
Head Rotation: 360°	Yes/No
Interpupillary Distance: 48 - 75 mm	Yes/No
Nosepiece: Quadruple reverse angle nosepiece	Yes/No
<ul> <li>Anti-Fungus Coating: Coating on objectives, eyepieces, and observation tubes</li> </ul>	Yes/No
Illumination:	Yes/No
Illumination Type: White LED illumination (adjustable)	Yes/No
Illumination Design: Koehler illumination	Yes/No
Objectives:	Yes/Na
<ul> <li>Infinity Objectives: 4x/0.10, 10x/0.25, 40x/0.65 (spring-loaded), 100x/1.25 (oil, spring-loaded)</li> </ul>	Yes/No
Focusing:	Yes/No
<ul> <li>Focusing Mechanism: Adjustable coaxial coarse and fine focusing knob with the upper stop</li> </ul>	Yes/No
Condenser:	Yes/No
<ul> <li>Condenser Type: Abbe Bright-field condenser N.A 1.25</li> </ul>	Yes/No
<ul> <li>Features: Integrated iris diaphragm and filter tray</li> </ul>	Yes/No
Adjustable: Condenser and light intensity adjustable	Yes/No
Stage:	Yes/No
<ul> <li>Mechanical Stage: Double-layer mechanical stage size: 130 mm x 130 mm</li> </ul>	Yes/No
Stage Movement: Up/down movement of 20 mm	Yes/No
• X/Y Moving: X/Y moving range of 76 mm - 30 mm	Yes/No
Power:	Yes/No
Power Supply: 220V, 50 Hz	Yes/No
Included Accessories:	Yes/No
Accessories: Dust cover, filter, immersion oil, disposable delicate task wipers, instruction manual,	Yes/No





## الجامعة العربية الأمريكية

and service manual	
Safety and Training:	Yes/No
Documentation: User and service manual provided in English	Yes/No
<ul> <li>Operator Training: Comprehensive on-site training for operators</li> </ul>	Yes No
Installation and Price Clarification:	Yes/No
<ul> <li>Installation and Supply: The price includes supply and installation. All installation requirements and accessories must be clearly stated in the pricing offer.</li> </ul>	Yes/No .
Complete and Ready to use with all accessories.	Yes/No
10 years availability for spare parts.	Yes/No
Date of manufacture not less than 2024.	Yes No
في حال وجود أية قطعة ضرورية لتشغيل الجهاز غير موضحة يرجى ذكرها وتوضيحها في العرض غير ذلك تعتبر الشركة بتحمل وجود أية نواقص	Yes/No

### **Item #5 Benchtop PH Meter:**

Brand name.

3 years warranty, 10 years availability of spare parts.

Origin: USA, EURO, Japan

#### Parameter and Features:

- Measured Parameters: pH, mV, Temperature
- Design: Benchtop design for ease of use

### Measurement Ranges and Accuracy:

- pH Range: 0 − 20
- pH Resolution: 0.001
- pH Accuracy: ±0.001
- Temperature Range: -10°C to 100°C

### **Probe Specifications:**

- Combined pH and Temperature Probe: Provides simultaneous pH and temperature measurement
- Probe Type: Interchangeable, gel-filled, non-refillable plastic probe
- Temperature Measurement: Manual or automatic recognition by the probe (integrated temperature in pH probe)

### Display and Readability:

Large Screen Display: Easy-to-read measurements displayed on a spacious screen





# الجامعة العربية الأمريكية

### Calibration and Memory:

- Calibration: Automatic one or two-point calibration using buffer solutions (pH 4, 7, 10)
- Data Memory: Stores measurement data and calibration history

### **Power Supply:**

Power Source: Battery-operated

### Waterproof Design:

• Waterproof: Designed to withstand exposure to water

### Safety and Training:

- Regulatory Compliance: CE/ISO certification for quality and safety
- Documentation: User and service manual provided in English
- Operator Training: Comprehensive on-site training for operators
- Spare Parts Information: List of essential spare parts and accessories with part numbers and costs
- Spare Parts Availability: Recommended spare parts to be available for at least 10 years

### السعر يشمل التوريد والتركيب ويجب أن يتم توضيح جميع متطلبات التركيب في عرض السعر من ملحقات ومتطلبات.

\* Kindly your offer will not be taken into our consideration if you don't fill table below.

Benchtop PH Meter	Yes/No	Comment
Manufacture.	Manufacture	
Model.	Model	
Origin: USA, Europe, Japan.	Origin	
Delivery time.	Weeks	
3 years Full warranty.	Yes/No	
Brand name.	Yes/No	
Parameter and Features:	Yes/No	
<ul> <li>Measured Parameters: pH, mV, Temperature</li> </ul>	Yes/No	
<ul> <li>Design: Benchtop design for ease of use</li> </ul>	Yes/No	
Measurement Ranges and Accuracy:	Yes/No	
• pH Range: 0 − 20	Yes/No	
pH Resolution: 0.001	Yes/No	
pH Accuracy: ±0.001	Yes/No	
<ul> <li>Temperature Range: -10°C to 100°C</li> </ul>	Yes/No	
Probe Specifications:	Yes/No	
<ul> <li>Combined pH and Temperature Probe: Provides simultaneous pH and temperature measurement</li> </ul>	Yes/No	
<ul> <li>Probe Type: Interchangeable, gel-filled, non- refillable plastic probe</li> </ul>	Yes/No	





# الجامعة العربية الأمريكية

<ul> <li>Temperature Measurement: Manual or automatic recognition by the probe (integrated temperature in pH probe)</li> </ul>	Yes/No
Display and Readability:	Yes/No
Large Screen Display: Easy-to-read measurements displayed on a spacious screen	Yes/No
Calibration and Memory:	Yes/No
• Calibration: Automatic one or two-point calibration using buffer solutions (pH 4, 7, 10)	Yes/No
Data Memory: Stores measurement data and calibration history	Yes/No
Power Supply:	Yes/No
Power Source: Battery-operated	Yes/No
Waterproof Design:	Yes/No
Waterproof: Designed to withstand exposure to water	Yes/No
Safety and Training:	Yes/No
<ul> <li>Regulatory Compliance: CE/ISO certification for quality and safety</li> </ul>	Yes/No
<ul> <li>Documentation: User and service manual provided in English</li> </ul>	Yes/No
<ul> <li>Operator Training: Comprehensive on-site training for operators</li> </ul>	Yes/No
<ul> <li>Spare Parts Information: List of essential spare parts and accessories with part numbers and costs</li> </ul>	Yes/No
User, Application and service manuals.	Yes/No
The price includes installation with application training on-site.	Yes/No
Complete and Ready to use with all accessories.	Yes/No
10 years availability for spare parts.	Yes/No
Date of manufacture not less than 2024.	Yes/No
في حال وجود أية قطعة ضرورية لتشغيل الجهاز غير موضحة يرجى ذكرها وتوضيحها في العرض غير ذلك تعتبر الشركة بتحمل وجود أية نواقص.	Yes/No





### Item #6:Water Distiller (Small Volume)

### Water distiller with a capacity of 6 liters in 1 hour.

3 years warranty, 10 years availability of spare parts.

### Origin: Brand name USA, EURO, Japan

- Ion exchange reverse osmosis system
- Source and manufacturing should be in USA, EURO, and Japan not the designing only.
- Easy to use and reliable at all times.
- Low cost, compared to the distiller
- Benchtop designed.
- Distillate conductivity:  $\sim 2.5 \mu \text{S/cm}$  (at 25° C)
- Daily average of 120 liters of water.
- water tank ~ 20 L
- Thermostatic low-water cut-off safety system
- User and service manual in English.
- Please price all annual consumables for the device, otherwise, the price offer will not be considered.

# السعر يشمل التوريد والتركيب ويجب أن يتم توضيح جميع متطلبات التركيب في عرض السعر من ملحقات ومتطلبات غير ذلك المورد ملزم بأية مصاريف أو أعمال يحتاجها الجهاز.

\* Kindly your offer will not be taken into our consideration if you don't fill in the table below.

Water Distiller(Small Volume)	Yes/No	Comment
Manufacture.	Manufacture	
Model.	Model	
Origin:	Origin	
Delivery time.	Weeks	
3 years Full warranty.	Yes/No	
Brand name.	Yes/No	
Water distiller with a capacity of 6 liters in 1 hour.	Yes/No	
Ion exchange reverse osmosis system	Yes/No	
Source and manufacturing should be in USA, EURO, and Japan not the designing only.	Yes/No	
Easy to use and reliable at all times.	Yes/No	
Low cost, compared to the distiller	Yes/No	







## الجامعة العربية الأمريكية

Benchtop designed.	Yes/No	
Distillate conductivity: ~ 2,5 μS/cm (at 25° C)	Yes/No	
Daily average of 120 liters of water.	Yes/No	
Stainless steel water tank.	Yes/No	
Thermostatic low-water cut-off safety system	Yes/No	
Please price all annual consumables for the device, otherwise, the price offer will not be considered.	Yes/No	
User, Application, and service manuals.	Yes/No	
The price includes installation with application training onsite.	Yes/No	
Complete and Ready to use with all accessories.	Yes/No	
Date of manufacture not less than 2024.	Yes/No	
في حال وجود أية قطعة ضرورية لتشغيل الجهاز غير موضحة يرجى ذكرها وتوضيحها في العرض غير ذلك تعتبر الشركة بتحمل وجود أية نواقص	Yes/No	

### Item #7: Circulating Water Vacuum Pump

#### Brand name.

3 years warranty, 10 years availability of spare parts.

Origin: Brand name

- 15L Circulating Water Vacuum Pump
- For biology lab application and chemistry.
- Material: Stainless Steel, Copper, ABS Plastic
- Single-Tap Sucking Rate: 10L/min
- Max. Vacuum Degree: ~0.098Mpa
- Flow: ~60L/min
- Tank Volume: 15L.
- Motor Power: 180W or more
- Complete, pump, bottle, and tube.
- 220v.

ائرة اللوازم والمشتريات – رام الله
PROCUREMENT AND PURCHASIN
DEPARTMENT – RAMALLAH



# الجامعة العربية الأمريكية

• السعر يشمل التوريد والتركيب ويجب أن يتم توضيح جميع متطلبات التركيب في عرض السعر من ملحقات ومتطلبات. 

Kindly your offer will not be taken into our consideration if you don't fill in the table below.

Vacuum Pump	Yes/No	Comment
Manufacture	Manufacture	
Model	Model	
Origin	Origin	
Delivery time	Delivery time	
3 years warranty		
15L Circulating Water Vacuum Pump	Yes/No	
For biology lab application and chemistry.	Yes/No	
Material: Stainless Steel, Copper, ABS Plastic	Yes/No	
Single-Tap Sucking Rate: 10L/min	Yes/No	
Max. Vacuum Degree: ~0.098Mpa	Yes/No	
Flow: ~60L/min	Yes/No	
Tank Volume: 15L	Yes/No	
Motor Power: 180W or more	Yes/No	
Complete, pump, bottle, and tube.	Yes/No	
220v .	Yes/No	
Complete and Ready to use with all accessories.	Yes/No	
10 years availability for spare parts.	Yes/No	
Date of manufacture not less than 2024.	Yes/No	
في حال وجود أية قطعة ضرورية لتشغيل الجهاز غير موضحة يرجى ذكرها وتوضيحها في العرض غير ذلك تعتبر الشركة بتحمل وجود أية نواقص	Yes/No	

### Item #8: U.V. Light

Brand name.

3 years warranty, 10 years availability of spare parts.

Origin: Brand name USA, EURO, Japan

### **U.V. Light Overview:**

• U.V. Light Type: Medical Laboratory U.V. Light

Intended Use: Medical laboratory applications

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### **Light Source:**

• Light Source: U.V. lamp with appropriate wavelength and intensity

### Wavelength Range:

• Wavelength Range: 254 - 365 nanometers (nm)

### **Intensity Control:**

• Intensity Control: Adjustable intensity settings for various applications

### Safety Features:

• Safety Features: Equipped with protective shields to prevent direct exposure to U.V. light

### **Timer Function:**

• Timer Function: Includes timer settings for controlled exposure duration

### **Application Compatibility:**

• Application Compatibility: Suitable for DNA analysis, gel imaging, and other lab procedures

### **Display and Controls:**

• User Interface: Intuitive control panel with clear display for easy operation

• Digital Timer: Allows precise timing for exposure

### Design and Build:

• Compact Design: Space-saving form factor suitable for laboratory use

• Construction: Built with durable and UV-resistant materials

### **Power Requirements:**

• Power supply: 220V.

### **Certifications:**

• Compliance with relevant international safety standards (e.g., CE, UL)

# • السعر يشمل التوريد والتركيب ويجب أن يتم توضيح جميع متطلبات التركيب في عرض السعر من ملحقات ومتطلبات. Kindly your offer will not be taken into our consideration if you don't fill table below.

U.V. Light	Yes/No	Comment
Manufacture.	Manufacture	
Model.	Model	
Origin:	Origin	
Delivery time.	Wecks	
3 years Full warranty.	Yes/No	
Brand name.	Yes/No	
U.V. Light Overview:	Yes/No	
U.V. Light Type: Medical Laboratory U.V. Light	Yes/No	
Intended Use: Medical laboratory applications	Yes/No	
Light Source:	Yes/No	





# الجامعة العربية الأمريكية

Light Source: U.V. lamp with appropriate wavelength and intensity	Yes/No
Wavelength Range:	Yes/No
Wavelength Range: 254 - 365 nanometers (nm)	Yes/No
Intensity Control:	Yes No
Intensity Control: Adjustable intensity settings for various applications	Yes/No
Safety Features:	Yes/No
Safety Features: Equipped with protective shields to prevent direct exposure to U.V. light	Yes/No
Timer Function:	Yes/No
Timer Function: Includes timer settings for controlled exposure duration	Yes No
Application Compatibility:	Yes/No
Application Compatibility: Suitable for DNA analysis, gel imaging, and other lab procedures	Yes/No
Display and Controls:	Yes/No
User Interface: Intuitive control panel with clear display for easy operation	Yes/No
Digital Timer: Allows precise timing for exposure	Yes/No
Design and Build:	Yes/No
Compact Design: Space-saving form factor suitable for laboratory use	Yes/No
Construction: Built with durable and UV-resistant materials	Yes/No
Power Requirements:	Yes/No
Power supply: 220V.	Yes/No
Certifications:	Yes/No
Compliance with relevant international safety standards (e.g., CE, UL)	Yes/No
User, Application, and service manuals.	Yes/No
The price includes installation with application training on-site.	Yes/No
Complete and Ready to use with all accessories.	Yes/No
10 years availability for spare parts.	Yes/No
Date of manufacture not less than 2024.	Yes/No
في حال وجود أية قطعة ضرورية لتشغيل الجهاز غير موضحة يرجى ذكرها . وتوضيحها في العرض غير ذلك تعتبر الشركة بتحمل وجود أية نواقص	Yes/No

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Item #9: Digital Timer

Item #10: Bunsen Burners

Item #11: Lancets

