

Specifications of the goods required under LOT 2

| SPECIFICATION SHEET | | |
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| Code No. | A-1 | Quantity: 1 sets |
| Laminar flow cabinet | | |
| Purpose : Laminar flow cabinets create particle-free working environments by projecting air through a filtration system and exhausting it across a work surface in a laminar or uni-directional air stream. They provide an excellent clean air environment for a number of laboratory requirements. | | |
| 1. Composition | | |
| 1-1 Composition (Common use) (1) Laminar flow cabinet : 1 unit x 1 = 1 units | | |
| 1-2 Accessories Any other accessory which is required for installation and operation should be included and described on your offered specification | | |
| 2. Specifications <ul style="list-style-type: none"> – Vertical Airflow – Cabinet type – Class II Type A2 – Stainless steel or similar construction – Working area dimensions of at least 1000 x 500 x h600 mm (w x d x h) – Operation: microprocessor – Display: LED or LCD – Sliding type opening window of laminated safety glass – Integrated HEPA filters with rating of 99.99% efficacy for 0.3μ particle or better. – Socket 220 V: 2 or more (wall mounted) – Gas outlets (in the working area): 2 pieces – Lamp for illuminating the work area (1 piece) – With safety alarm Power requirements <ul style="list-style-type: none"> – Power supply 220V AC, 50 Hz – Schuko plug (European) | | |
| 3. General Requirements Compliant to EU Medical Device Directives or US FDA Regulations Manufacturer ISO 13485 Warranty period at least 2 years Equipment assembly, installation and commissioning on site at beneficiary location | | |
| 4. Training Training for all medical personnel who will be using this item, on each individual site Training in Romanian or Russian language | | |
| 5. Documentation User's manuals, preferable in Romanian or Russian language (optional English) Maintenance manual, preferable in Romanian or Russian language (optional English) | | |
| 6. Consumables Illumination lamp - 2 pcs Hepa filter - 1 set | | |

| SPECIFICATION SHEET | | |
|--|-----------------------|------------------|
| Code No. | A-2 Centrifuge | Quantity: 1 sets |
| Purpose : A table-top- or bench-mounted mains electricity (AC-powered) device used mainly in the clinical | | |
| 1-1 Composition <div> (1) Centrifuge <div></div> : 1 unit <div></div> x 1 <div></div> = 1 units </div> | | |
| 1-2 Accessories Any other accessory which is required for installation and operation should be included and described on your offered specification | | |
| 2. Specifications <ul style="list-style-type: none"> – Table-top centrifuge – Maximum speed: 6000 rpm or more. – Timer: at least 60 min. operation before automatic stop. – Adjustable speed and duration – With tachometer display – Rotor fittings: fixed-angle and horizontal (swinging bucket) or more – Nr. of samples: 8 samples or more. – Sample tube (single size): 10 ml to 15 ml. – With electric braking – With lid interlock – Imbalance sensor with safety shut down. – Operation: Microprocessor control with digital display. Displayed parameters: <ul style="list-style-type: none"> – Screen indicators: imbalance, lid open and cycle complete, timer, speed Power requirements <ul style="list-style-type: none"> – Power supply 220V AC, 50 Hz – European plug | | |
| 3. General Requirements Compliant to EU Medical Device Directives or US FDA Regulations Manufacturer ISO 13485 Warranty period at least 2 years Equipment assembly, installation and commissioning on site at beneficiary location | | |
| 4. Training Training for all medical personnel who will be using this item, on each individual site Training in Romanian or Russian language | | |
| 5. Documentation User's manuals, preferable in Romanian or Russian language (optional English) Maintenance manual, preferable in Romanian or Russian language (optional English) | | |
| 4. Consumables | | |

SPECIFICATION SHEET

| | | | |
|----------|-----|-------------------------------------|------------------|
| Code No. | A-3 | Semiautomated urine analyzer | Quantity: 1 sets |
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Purpose :

Urine analyzers perform semiquantitative chemical analyses that determine the presence of certain analytes and estimate their concentrations in a urine sample.

1. Composition

1-1 Composition

(1) Urine analyzer : 1 unit x 1 = 1 units

1-2 Accessories

(1) Accessories and consumables to perform **500 investigations**

Any other accessory which is required for installation and operation should be included and described on your offered specification

2. Specifications

- Table-top devices
- Type: semiautomated
- Monitor LCD or LED
- Methodology: Reflectance, refractometry

Chemical tests:

- Bilirubin
- Blood
- Glucose
- Ketone body
- Leukocyte esterase
- Nitrite
- pH
- Protein
- Specific gravity
- Urobilinogen
- Sample volume, ≤ 6 mL
- Report display: printer and display
- Calibration : Automatic
- Sample per hour: ≥50
- Internal printer
- Internal memory ≥ 100 patient results
- Automatic error alarm

Power requirements

- Power supply 220V AC, 50 Hz
- Schuko plug (European)

3. General Requirements

Compliant to EU Medical Device Directives or US FDA Regulations

Manufacturer ISO 13485

Warranty period at least 2 years

Equipment assembly, installation and commissioning on site at beneficiary location

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|---|
| <p>4. Training</p> <p>Training for all medical personnel who will be using this item, on each individual site</p> <p>Training in Romanian or Russian language</p> |
| <p>5. Documentation</p> <p>User's manuals, preferable in Romanian or Russian language (optional English)</p> <p>Maintenance manual, preferable in Romanian or Russian language (optional English)</p> |
| <p>6. Consumables</p> <ul style="list-style-type: none"> - Included consumables (disposables test strips, reagents, calibrators), paper, other need consumables and accesories for 1 year (500 investigations) - All consumables should have at least 50% of the shelf life but not less than 1 year. |

SPECIFICATION SHEET

| | | | |
|----------|-----|-------------------|------------------|
| Code No. | A-4 | Microscope | Quantity: 1 sets |
|----------|-----|-------------------|------------------|

Purpose :

An optical instrument used for viewing very small objects, such as mineral samples or animal or plant cells, typically magnified several hundred times.

1. Composition

1-1 Composition

(1) Binocular microscope : 1 unit x 1 = 1 units

1-2 Accessories

Any other accessory which is required for installation and operation should be included and described on your offered specification

2. Specifications

- Binocular microscope
- Fine focus adjustments on each eyepiece, with dioptic adjustment
- Objectives on rotating changer with click stops, accommodating at least 3 at once
- Objectives: achromatic, oil immersed and spring loaded
- Binocular head: 30° inclined tube, fully rotatable, 360°
- Eyepiece with diopter adjustment
- LED light
- Automatic light control
- Magnification: 10x or more
- Mechanical movement: x-y movement, low-position coaxial controls
- Large mechanical stage with X and Y adjustment
- Speciment holder for one slide
- Interpupillary distance adjustable
- Abbe condenser focusable, continuously variable iris diaphragm
- Objectives plan achromatic: 4x, 10x, 40x, 100x/ oil-immersion
- Power requirements**
- Power supply 220V AC, 50 Hz
- Schuko plug (European)

3. General Requirements

Compliant to EU Medical Device Directives or US FDA Regulations
 Manufacturer ISO 13485
 Warranty period at least 2 years
 Equipment assembly, installation and commissioning on site at beneficiary location

4. Training

Training for all medical personnel who will be using this item, on each individual site
 Training in Romanian or Russian language

5. Documentation

User's manuals, preferable in Romanian or Russian language (optional English)
 Maintenance manual, preferable in Romanian or Russian language (optional English)

6. Consumables

- Microscope Oil Immersion - 2 pieces

SPECIFICATION SHEET

| | | |
|----------|------------------------------|------------------|
| Code No. | A-5 Cholesterol meter | Quantity: 1 sets |
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Purpose :

A device for measuring cholesterol level in the blood

1. Composition

1-1 Composition

(Common use)

| | | | | | |
|-----------------------|---|--------|---|---|-----------|
| (1) Cholesterol meter | : | 1 unit | x | 1 | = 1 units |
| (2) Lancing device | : | 1 unit | x | 1 | = 1 units |
| (3) Carry case | : | 1 unit | x | 1 | = 1 units |

1-2 Accessories

(1) Accessories and consumables to perform **350 investigations (for each parameter)**

Any other accessory which is required for installation and operation should be included and described on your offered specification

2. Specifications

- Analyzer type : handheld meter
- Large LCD display for easy reading
- Detection Principle: Reflectance Photometry or better
- Memory with Date/Time: min. 100 results
- Specimen Type: Capillary or venous whole blood, serum or plasma
- Measurement Units: mmol/l
- Sample volume: 5 - 40 µl
- Time to Results: up to 5 minutes
- Autocalibration

Measurements:

- Glucose
- Cholesterol
- Triglycerides

Power requirements:

- AAA (AA) batteries or AC Adaptor
- European plug

3. General Requirements

Compliant to EU Medical Device Directives or US FDA Regulations

Manufacturer ISO 13485

Warranty period at least 2 years

Equipment assembly, installation and commissioning on site at beneficiary location

4. Training

Training for all medical personnel who will be using this item, on each individual site

Training in Romanian or Russian language

5. Documentation

User's manuals, preferable in Romanian or Russian language (optional English)

Maintenance manual, preferable in Romanian or Russian language (optional English)

4. Consumables

- Included consumables (disposables test strips, lancets, calibrators) for **350 investigations** (for each parameter)
- All consumables should have at least 50% shelf life but not less than 1 year validity period from the date of supply

SPECIFICATION SHEET

| | | | |
|----------|-----|-------------------------|------------------|
| Code No. | A-6 | Hemoglobinometer | Quantity: 1 sets |
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Purpose :

A device for measuring hemoglobin level in the blood

1. Composition

1-1 Composition

(Common use)

| | | | | | | |
|----------------------|---|--------|---|---|---|---------|
| (1) Hemoglobinometer | : | 1 unit | x | 1 | = | 1 units |
| (2) Lancing device | : | 1 unit | x | 1 | = | 1 units |
| (3) Carry case | : | 1 unit | x | 1 | = | 1 units |

1-2 Accessories

(1) Accessories and consumables to perform **300 investigations**

Any other accessory which is required for installation and operation should be included and described on your offered specification

2. Specifications

- Analyzer type : handheld meter
- Large LCD display for easy reading
- Full automated process
- Sample: capillary or venous blood
- Blood sample volume $\leq 10 \mu\text{l}$
- Measuring range: Hb approx. 0-25,6 g/dl (0-256 g/L)
- Measurement unit: g/L
- Time to results: up to 20 seconds
- Memory: up to 100 tests
- Low weight
- Autocalibration
- Power requirements**
- AAA (AA) batteries or AC Adaptor
- European plug

3. General Requirements

Compliant to EU Medical Device Directives or US FDA Regulations

Manufacturer ISO 13485

Warranty period at least 2 years

Equipment assembly, installation and commissioning on site at beneficiary location

4. Training

Training for all medical personnel who will be using this item, on each individual site

Training in Romanian or Russian language

5. Documentation

User's manuals, preferable in Romanian or Russian language (optional English)

Maintenance manual, preferable in Romanian or Russian language (optional English)

4. Consumables

- Included consumables (disposables test strips, lancets, calibrators) for **300 tests**
- All consumables should have at least 50% shelf life but not less than 1 year validity period from the date of supply

SPECIFICATION SHEET

| | | | |
|----------|-----|---|------------------|
| Code No. | A-7 | Semiautomated chemistry analyzer | Quantity: 1 sets |
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Purpose :

An chemistry analyser is a medical laboratory instrument designed to measure different chemicals and other characteristics in a number of biological samples quickly, with minimal human assistance.

These measured properties of blood and other fluids may be useful in the diagnosis of disease.

1. Composition

1-1 Composition

(Common use)

(1) Chemistry analyzer : 1 unit x 1 = 1 units

1-2 Accessories

(1) Accessories and consumables to perform **750 investigations**

Any other accessory which is required for installation and operation should be included and described on your offered specification

2. Specifications

- Table-top devices
- Type: semiautomated
- Open system reagents
- Monitor LCD or LED
- REAGENT TYPE: liquid or dry
- Sample type: Whole blood, plasma, serum
- Incubator: min. 8 incubating positions

Measurements:

- Alk phosphatase
- ALT (SGPT)
- Amylase
- AST (SGOT)
- Bilirubin, direct
- Bilirubin, total
- Calcium
- Phosphorus
- Cholesterol
- Creatinine
- GGT
- Glucose
- HDL cholesterol
- LDH
- Magnesium
- Total protein
- Triglycerides
- Urea
- Uric acid
- Hemoglobin
- Iron

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| <ul style="list-style-type: none"> - Thymol - Report display: printer and display - Calibration : Automatic - Sample per hour: up to 50 - Internal printer - Internal memory up to 100 patient results - Automatic error alarm Power requirements - UPS - Uninterruptible Power Supply: autonomy min. 30 min - Power supply 220V AC, 50 Hz - European plug |
| <p>3. General Requirements</p> <p>Compliant to EU Medical Device Directives or US FDA Regulations</p> <p>Manufacturer ISO 13485</p> <p>Warranty period at least 2 years</p> <p>Equipment assembly, installation and commissioning on site at beneficiary location</p> |
| <p>4. Training</p> <p>Training for all medical personnel who will be using this item, on each individual site</p> <p>Training in Romanian or Russian language</p> |
| <p>5. Documentation</p> <p>User's manuals, preferable in Romanian or Russian language (optional English)</p> <p>Maintenance manual, preferable in Romanian or Russian language (optional English)</p> |
| <p>4. Consumables</p> <p>1. Included reagents, calibrators, paper, other need consumables and accesories for 1 year (750 investigations)</p> <p>- All consumables should have at least 50% shelf life but not less that 1 year validity period from the date of supply</p> |