



आरोग्य विभाग  
जिल्हा परिषद, गडचिरोली



कार्यालय जिल्हा आरोग्य अधिकारी  
आरोग्य विभाग, जि.प. गडचिरोली

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आरोग्य सेवा

जा.क्र./जिपग/आरोग्य (MMU) दर पत्रक मागविणे./ 6/03/2024 दिनांक 21/12/2024

प्रति,

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विषय :- जिल्हा परिषद अंतर्गत आरोग्य विभाग गडचिरोली जिल्ह्यात भामरागड व एटापल्ली तालुक्याकरिता २ मलेरिया मोबाईल युनिट साठी Pathology setup तयार करण्याकरिता दरपत्रक सादर करणे बाबत.

गडचिरोली जिल्ह्यात भामरागड व एटापल्ली तालुक्याकरिता २ मलेरिया मोबाईल युनिट साठी Pathology setup तयार करण्याकरिता खालील साहीत्याची आवश्यकता आहे.

अ. क्र.	वस्तुचे नाव	अंदाजे दर	संख्या	एकूण अंदाजीत रक्कम
1	Electrolyte Analyzer	160000	2	320000
2	Binocular Microscope	50000	2	100000
3	Centrifuge Machine	12500	2	25000
4	Heamoglobinometer (Digital)	8500	2	17000
5	Glucometer with 1000 strips	5500	2	11000
6	Rapid Diagnostic Malaria Kit (RDK)	25	200	5000
7	Slide Box	600	2	1200
8	Glass Slides "50 x 1"	80	2	160
9	Slide Warmer	5000	2	10000
10	Lence Paper (Roll)	80	10	800
11	Pricking Lancet Needle	1	200	200
12	Spirit Swab	1	1000	1000
13	Filter Paper (Roll)	400	2	1200
14	Plastic Bucket	500	2	1000
15	Glass Beaker 200 ml	300	4	1200
16	Glass Beaker 500 ml	400	2	800
17	Plastic Tray	200	2	400
18	Table (1 x 2)	1600	2	3200
19	Field Stain Solution- A 500 ml	850	2	1700
20	Field Stain Solution- B 500 ml	850	2	1700
21	Inverter with Battery	20000	2	40000
22	Pathalogy Setup Charges	5000		10000
		एकूण रु.		552560

तरी सादर साहीत्याची खरेदीसाठी लागणारे दरपत्रक या कार्यालयास पत्र मिळाल्यापासून 3 दिवसांचे आत सादर करावे.

जिल्हा आरोग्य अधिकारी  
जिल्हा परिषद गडचिरोली



### ANNEXURE 3: Specifications of IT system

#### Desktop Specifications

<b>Processor</b>	
<b>Processor Make</b>	Intel or Equivalent or Higher
<b>Processor Generation</b>	10 <sup>th</sup> or Higher
<b>Number of Cores per Processor</b>	6
<b>Processor Base Frequency (GHz)</b>	3.0 or Higher
<b>Processor Description</b>	Intel Core i5 or Higher
<b>Chipset Series</b>	Intel Q Series or Higher
<b>Graphics Type</b>	Integrated
<b>Operating System (Factory Pre-Loaded)</b>	Windows 10 Professional or Higher
<b>Type of RAM</b>	DDR4
<b>RAM Size (GB)</b>	8 or Higher
<b>RAM Expandability up to( using spare DIMM Slots in GB)</b>	32 or Higher
<b>Total HDD Capacity (GB)</b>	1000
<b>Cabinet Form Factor</b>	SFF ( 7 to 13 Litres)
<b>Internal Speaker</b>	Yes
<b>Audio-in</b>	Yes
<b>Audio-out</b>	Yes
<b>Wireless Connectivity</b>	Yes
<b>On Site OEM Warranty (Year)</b>	3 Or Higher

#### Printer

Title	Values
<b>Cartridge Technology</b>	Composite Cartridge or Equivalent or Higher
<b>Printing Technology</b>	Laser or Equivalent or Higher
<b>Type of Printing</b>	Mono
<b>Paper Size</b>	A4
<b>Print Speed per minute as per ISO/IEC 24734 in (A4) Size - Mono</b>	20 Or Higher

Duplexing Feature	Yes
Wireless Connectivity	Yes
Number of Main Paper Trays	1 Or Higher
Bypass Tray Facility	Yes
On site OEM warranty (Years)	3 Or Higher

UPS	
Rating in KVA/ min VAH capacity of battery (KVA/VAH)	1.0/168
Technology	MOSFET-PWM
Type of battery	SMF-VRLA confirming to JISC-8702 Pt 1,2 &3
Rated Output (Volt)	Single phase sine wave 230v AC , 50Hz
Degree of protection	IP 20
Inverter Efficiency (%)	> / = 70%
Warranty for the battery from the date of delivery	1 year
Warranty for Line Interactive UPS	3 Years or Higher
AC output for printer (not through inverter)	Yes
Inverter output socket AC output for printer (not through inverter)	3 Three pin
Overload Time (Minutes)	> / = 10 minutes
Load power factor	> / = 0.6
Variation in AVR output in AC mode (%) AVR (Voltage regulation) output voltage in AC Mode	230 Volts +/-9%, 50 +/-3 Hz

Features

13th Gen Intel® multi-core processor

Get the perfect combination of power, snappy performance, and value with a 13th gen Intel® Core™ processor to handle multiple work tasks smoothly and reliably with multiple processing cores.

Fast and efficient wireless LAN

The portability of your PC and the reliability of a fast connection determines where you can work. Get a fast and reliable connection in dense wireless environments with gigabit-speed Wi-Fi 6.

Be your best virtual self

Sometimes in life, only a face-to-face conversation will do. Thanks to the HP HD camera with wide dynamic range (WDR), you always come off looking your best during virtual conferences in bright and low light conditions.

Protection for minor spills

Help protect sensitive electronics and key components from minor spills with the spill-resistant keyboard.

Specifications

Operating System

FreeDOS 3.0

Processor Name

Intel® Core™ i3-1315U (up to 4.5 GHz with Intel® Turbo Boost Technology, 10 MB L3 cache, 6 cores, 8 threads)

Ports

1 USB Type-C® 5Gbps signaling rate; 2 USB Type-A 5Gbps signaling rate; 1 AC power; 1 HDMI 1.4b; 1 stereo headphone/microph combo jack

Graphics

Intel® UHD Graphics

Screen Size

(15.6) 39.62 cm diagonal HD display

Memory And Storage

16 GB memory; 512 GB SSD storage



Inverter

## About this product

Product Dimen...	50 x 50 x 80 cm; 20 kg
Batteries	1 12V batteries required.
Compatible De...	Inverter
Mounting Hard...	Battery
Voltage	12 Volts
Wattage	150 Watt Hours
Power Source	Battery Powered
Batteries Inclu...	No
Batteries Requi...	No
Battery Capacity	150 Amp Hours
Battery cell co...	Lead Acid
GSM frequencies	50 Hz
Form Factor	Rack
Item Dimensio...	50 x 50 x 80 Centimeters
Number of Batt...	1 12V batteries required.
Recommended...	Office, Home
Reusability	Rechargeable
Battery Weight	43 Kilograms



# Control D

13

## CONTROL D system specifications



Assay Method	Amperometric, Redox
Automatic Shutoff	5 seconds
Battery Life	1000 tests
Hematocrit	15 % to 65 %
Measurement Units	mg/dL
Strips Storage Temp	10° to 30° C
Memory	Previous Readings
Operating Relative Humidity	5 % to 90 % (non-condensing)
Operating Temperature	10° to 40° C
Power Source	One CR 2032, 3 volt lithium battery, replaceable
Result Range	20 to 800 mg/dL
Sample	Whole blood, capillary
Sample Size	0.5 µL (500 nanoliters)
Meter Size (Centimeters)	Length 10.0 x Width 3.1 x Depth 1.1
Display Size (Millimeters)	48 (diagonally)
Test Time	Average of 5 seconds
Weight	34 grams
Strip Ejection	Yes

## SPECIFICATIONS FOR POC HEMOGLOBIN METER (AccuSure Hb)

- For determination of Hb in human blood
- **Should also display the calculated HcT**
- **Should be based upon Azide Methemoglobin technique**
- **Should use Strip technology**
- Sample volume to perform the test should not be more than 10 uL
- **Should have minimum 1000 memory positions**
- Results should be displayed within 15 seconds of sample application
- Should have auto power off facility
- Should use 3x AAA batteries
- Battery life should be for minimum 1000 tests
- Every Strip box should contain corresponding code chip
- **Every meter should contain control strip to check the meter**
- Strip storage should be 2-30 ° C
- Open vial stability of strips should be minimum 90 days
- Should be able to use capillary or venous blood
- **The Meter should be able to operate between 10-40 ° C and upto 90% relative humidity**
- Each strip vial should not contain more than 25 strips
- Measuring range should be between 0 – 25.6 g/dL
- "LO" and "HI" symbols should appear if the results are outside the measuring range
- Switchable units of measurement g/dL or g/L or mmol/L should be available
- Option of Data Transfer may be available
- Manufacturer should have ISO certificate
- Importer should have valid license from FDA India
- The instrument should have minimum 2 years warranty
- **The package must contain a carrying case, lancing device, 10 lancets and operating manual in addition to the meter.**
- **Weight of Meter including batteries should not be more than 185g**

## Revolutionary General Purpose Lab, Centrifuge Digital, 5200 RPM

### Technical Specifications:

- General Purpose Bench Top Laboratory Centrifuge Machine.
- Heavy duty C.R.C. construction finished with powder coating.
- Double walled ABS injection moulded lid which is light weight to avoid accident.
- Inter lid lock and metallic centrifuge bowl for safety.
- 2 lines of 16 character LCD display of r.p.m., R.c.f. set time and run time
- Microprocessor based programmable speed control from 500 to 5200 r.p.m depending upon the type of rotor and Digital timer (0-59 minutes)
- Last test parameter recall and display automatically on LCD.
- Low noise, smooth and soft start and stable Speed output.
- Wide variety of rotors and reduction adapters available on demand at extra cost.

### Technical Parameter :

- Max. Speed : 5250 r.p.m.
- Max. RCF 'g' : 3600
- Max. capacity : 400 ml.
- Motor : Universal Motor (fitted with carbon brushes)
- Power : AC 220V 50 Hz  $\pm 10\%$
- Dimension of Machine : L = 415mm, W = 360mm, H = 305mm
- Dimension of outer box : 510 x 510 x 390 mm
- Nett Weight : 21kg. Approx. Gross Weight with box = 23.5Kg

### Special Features :

- The lid is light in weight to avoid accident due to heavy weight metallic during operations
- Very stable and low noise
- No vibrations
- Motor fitted on anti vibration spring pads, supported with rubber cover from inside and out side.



# MODEL : BINO CXL



EN ISO-13485 Certified

ISO 9001:2015  
CERTIFIED COMPANY

## BINO CXL

Micron Clinical Binocular Microscope Model BINO CXL is the newly introduced design for Medical Colleges, Professionals & Laboratory use with the full features of the advanced research type Clinical Binocular Microscope. It has a very modern look & yet at a very affordable price that will surprise the most demanding users.

## STANDARD OBJECTIVES : JIS

All the objectives are parcentered and parfocal to minimize focusing procedures.

## FEATURES

1. Aluminium Die cast body structure with Window in Arm feature.
2. 30° Inclined with 360 degree rotatable binocular head.
3. Co-axial built in mechanical stage 140x140mm with fine vernier graduation, designed with convenient coaxial adjustment for jerk free smooth slide manipulation through 50 x 75mm.
4. Reversed Inward quadruple ball bearing nosepiece with knurling ring for easy gripping.
5. Co-axial coarse & fine focusing adjustment knobs on ball bearing 'guide ways'.
6. Substage Abbe type N.A 1.25 condenser focusable with rack & pinion, continuously variable iris diaphragm with built in swing out filter holder.
7. Staple Grey, chemical resistant, back-on finish.
8. Exclusive preset slide stopper prevents damage to valuable slide and objectives.
9. Heavy rectangular sturdy base, with built-in illumination 3W Led (Battery Backup Optional).
10. Complete parts of the microscope are pressure Die-casted.
11. With dust cover packed in styrofoam packing.

*(All Optics and prisms are anti-reflection bloomed coated for extra bright image and long life performance)*

**Two Year Warranty :** All Micron Optic Instruments are warranted against defects in materials and workmanship for two years. Damage resulted from repair by unauthorized parties, damage due to accident, alteration, misuse or abuse is not covered. Warranty service is provided by Manufacturer or its authorized dealer. Defective Micron Optic Instruments covered by warranty will be repaired free of charge when they are returned, postpaid to Micron Instrument Industries or its authorized dealer in your region.

**Design Change :** The manufacturer reserve the right to make changes in instrument design in accordance with scientific and mechanical progress, without obligation.

Auth Distributor :



## CLINICAL BINOCULAR MICROSCOPE

Objective	Numerical Aperture	Working Distance
Achromatic 4X	0.10	36.14 mm
Achromatic 10x	0.25	7.14 mm
Achromatic 40x (Spring)	0.65	0.57 mm
Achromatic 100x Oil (Spring)	1.25	0.20 mm

Component	Specifications
Observation Tube	30° incline Binocular Head
Eye Piece	W.F. 10 X/13mm (pair)
Nose Piece	Reversed Inward Quadruple Ball Bearing
Built-in	LED 3W (Battery Backup Optional)

## OPTIONAL ACCESSORIES

Dark Field Condenser

Phase Contrast Equipment

Digital Photography Attachments  
(Camera/LCC Tablet)

Field Diaphragm



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Electrolyte Analyser

26  
31/11/22  
2027

**MEDICA**

Products for Health Care

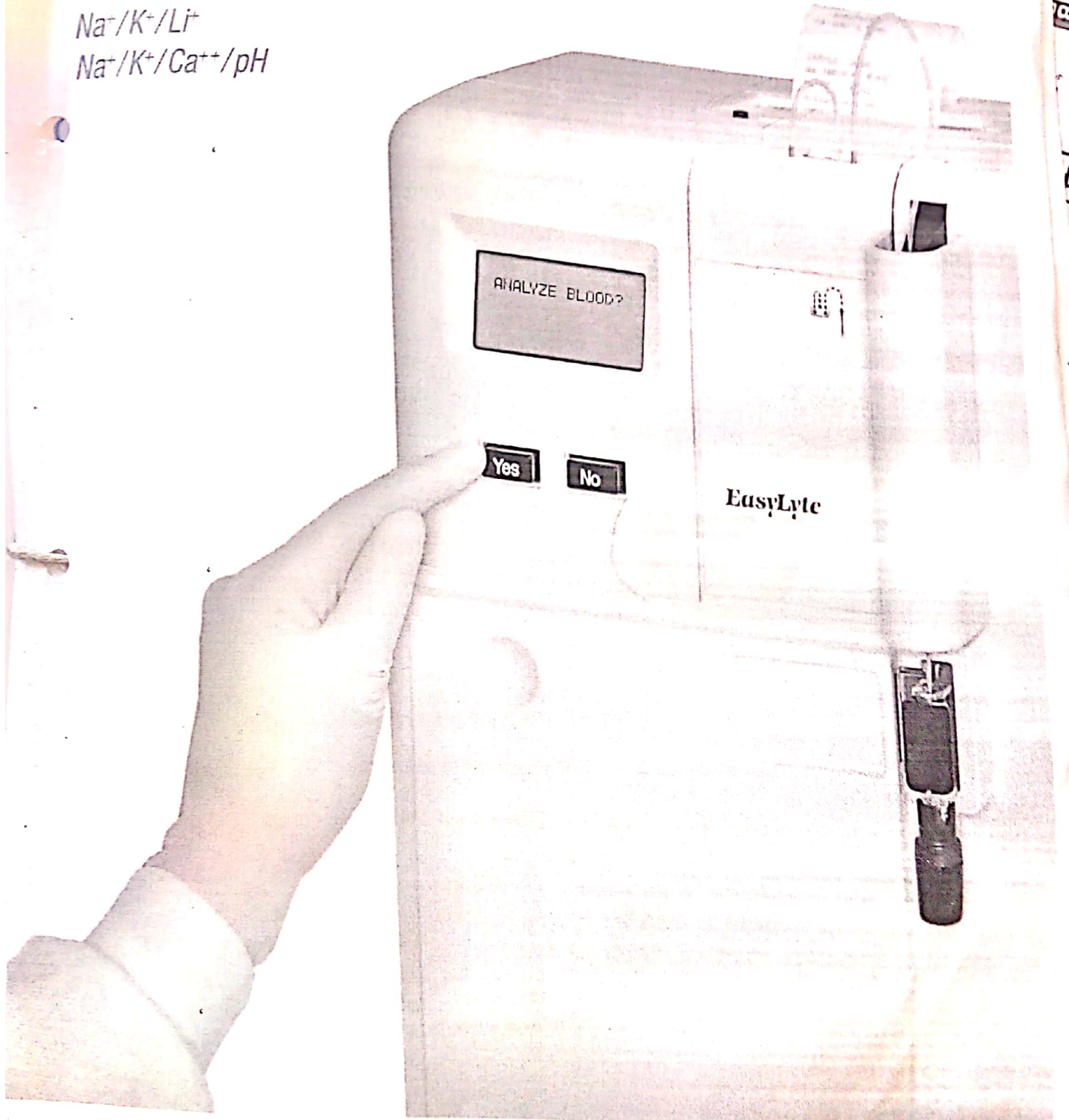
**EasyLyte** [www.medicacorp.com](http://www.medicacorp.com)

Na<sup>+</sup>/K<sup>+</sup>

Na<sup>+</sup>/K<sup>+</sup>/Cl<sup>-</sup>

Na<sup>+</sup>/K<sup>+</sup>/Li<sup>+</sup>

Na<sup>+</sup>/K<sup>+</sup>/Ca<sup>++</sup>/pH



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## Specifications

(Na<sup>+</sup>/K<sup>+</sup>, Na<sup>+</sup>/K<sup>+</sup>/Cl<sup>-</sup>, Na<sup>+</sup>/K<sup>+</sup>/Li<sup>+</sup>, Na<sup>+</sup>/K<sup>+</sup>/Ca<sup>++</sup>/pH)

**CLIA Classification:** Moderate Complexity  
**Sample Type:** Whole Blood, Serum, Plasma or Urine  
**Sample Size:** 100 µL Whole Blood, Serum, Plasma, 60 µL capillary or 400 µL diluted (1:10) Urine  
**Method:** Direct measurement by Ion Selective Electrode (ISE)  
**Measurement Range:**

	Blood	Urine
Na <sup>+</sup> :	20 - 200 mmol/L	25 - 1000 mmol/L
K <sup>+</sup> :	0.2 - 40 mmol/L	1.0 - 500 mmol/L
Cl <sup>-</sup> :	25 - 200 mmol/L	25 - 500 mmol/L
Li <sup>+</sup> :	0.2 - 5.0 mmol/L	
Ca <sup>++</sup> :	0.1 - 6.0 mmol/L	
pH:	6.0 - 8.0 Units	

**Display Resolution:**

Na <sup>+</sup> :	0.1 mmol/L	K <sup>+</sup> :	0.01 mmol/L	Cl <sup>-</sup> :	0.1 mmol/L
Li <sup>+</sup> :	0.01 mmol/L	Ca <sup>++</sup> :	0.01 mmol/L	pH:	0.005 units

	Na <sup>+</sup> /K <sup>+</sup>	Na <sup>+</sup> /K <sup>+</sup> /Cl <sup>-</sup>	Na <sup>+</sup> /K <sup>+</sup> /Li <sup>+</sup>	Na <sup>+</sup> /K <sup>+</sup> /Ca <sup>++</sup> /pH
<b>Analysis time (blood)</b>	55 sec	55 sec	55 sec	60 sec
<b>Urine Mode</b>	Yes	Yes	Yes	No
<b>Analysis time (urine)</b>	90 sec	90 sec	90 sec	N/A
<b>EasySampler</b>	Yes	Yes	Yes	No
<b>Capillary Samples</b>	Yes	Yes	Yes	No

**Data Storage:** Patient results — up to 128 samples  
 QC results — up to 20 each Normal, Low, and High

**Calibration:** Automatic or On-Demand

**Output:** 128 x 64 pixel graphic display  
 24 column thermal printer  
 Serial port (RS-232), EasySampler port

**Ambient Conditions:** 15-32°C (60-90°F), <85% humidity

**Power:** 100-240 VAC 50/60 Hz, 0.8A

**Size & Weight:** 9.5"W x 16.5"H x 8.0"D (24 cm W x 42 cm H x 20 cm D) 13 lbs. (5.8 kg)

# Specifications

(Na<sup>+</sup>/K<sup>+</sup>, Na<sup>+</sup>/K<sup>+</sup>/Cl<sup>-</sup>, Na<sup>+</sup>/K<sup>+</sup>/Li<sup>+</sup>, Na<sup>+</sup>/K<sup>+</sup>/Ca<sup>++</sup>/pH, Na<sup>+</sup>/K<sup>+</sup>/Cl<sup>-</sup>/Ca<sup>++</sup>, Na<sup>+</sup>/K<sup>+</sup>/Cl<sup>-</sup>/Li<sup>+</sup>)

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**CLIA Classification:** Moderate Complexity  
**Sample Type:** Whole Blood, Serum, Plasma or Urine  
**Sample Size:** 100 µL Whole Blood, Serum, Plasma, 60 µL capillary or 400 µL diluted (1:10) Urine  
**Method:** Direct measurement by Ion Selective Electrode (ISE)  
**Measurement Range:**

<b>Blood</b>	<b>Urine</b>
Na <sup>+</sup> : 20 - 200 mmol/L	Na <sup>+</sup> : 25 - 1000 mmol/L
K <sup>+</sup> : 0.2 - 40 mmol/L	K <sup>+</sup> : 1.0 - 500 mmol/L
Cl <sup>-</sup> : 25 - 200 mmol/L	Cl <sup>-</sup> : 25 - 500 mmol/L
Li <sup>+</sup> : 0.2 - 5.0 mmol/L	
Ca <sup>++</sup> : 0.1 - 6.0 mmol/L	
pH: 6.0 - 8.0 Units	

**Display Resolution:**

Na <sup>+</sup> : 0.1 mmol/L	K <sup>+</sup> : 0.01 mmol/L	Cl <sup>-</sup> : 0.1 mmol/L
Li <sup>+</sup> : 0.01 mmol/L	Ca <sup>++</sup> : 0.01 mmol/L	pH: 0.005 units

	Na <sup>+</sup> /K <sup>+</sup>	Na <sup>+</sup> /K <sup>+</sup> /Cl <sup>-</sup>	Na <sup>+</sup> /K <sup>+</sup> /Li <sup>+</sup>	Na <sup>+</sup> /K <sup>+</sup> /Ca <sup>++</sup> /pH	Na <sup>+</sup> /K <sup>+</sup> /Cl <sup>-</sup> /Ca <sup>++</sup>	Na <sup>+</sup> /K <sup>+</sup> /Cl <sup>-</sup> /Li <sup>+</sup>
<b>Analysis time (blood)</b>	55 sec	55 sec	55 sec	60 sec	60 sec	60 sec
<b>Urine Mode</b>	Yes	Yes	Yes**	No	Yes*	Yes**
<b>Analysis time (urine)</b>	90 sec	90 sec	90 sec	N/A	90 sec	90 sec
<b>Vet Mode</b>	Yes	Yes	No	No	No	No
<b>EasySampler</b>	Yes	Yes	Yes	Yes	Yes	Yes
<b>Capillary Samples</b>	Yes	Yes	Yes	No	No	No
<b>Bar Code Reader (Sample ID)</b>	No	Yes	Yes	Yes	Yes	Yes

**Data Storage:** Patient results — up to 128 samples  
 QC results — up to 20 each Normal, Low, and High

**Calibration:** Automatic or On-Demand

**Output:** 128 x 64 pixel graphic display  
 24 column thermal printer  
 Serial port (RS-232), EasySampler port  
 Serial Y cable, connects barcode reader / PC

**Ambient Conditions:** 15-32°C (60-90°F), <85% humidity

**Power:** 100-240 VAC 50/60 Hz, 0.8A

**Size & Weight:** 9.5"W x 16.5"H x 8.0"D (24 cm W x 42 cm H x 20 cm D) 13 lbs. (5.8 kg)

\* Calcium Results Not Reported

\*\* Lithium Results Not Reported

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 EC REP  Emergo Europe, Prinsessegracht 20, 2514 AP The Hague, The Netherlands

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क. आरोग्य / 16703/2024  
कार्यालय जिल्हा आरोग्य अधिकारी  
जिल्हा परिषद, गडचिरोली.  
दिनांक 27/12/2024

प्रति, .....

विषय :- जिल्हा परिषद अंतर्गत आरोग्य विभाग गडचिरोली जिल्हयात भामरागड व एटापल्ली तालुक्याकरिता २ मलेरिया मोबाईल युनिट साठी Software with laptop & printer खरेदी करण्याकरिता दरपत्रक सादर करणे बाबत.

गडचिरोली जिल्हयात भामरागड व एटापल्ली तालुक्याकरिता २ मलेरिया मोबाईल युनिट साठी Software with laptop & printer खरेदी करणे खालील साहीत्याची आवश्यकता आहे.

अ. क्र.	वस्तुचे नाव	अंदाजे दर रुपये	संख्या	एकुण अंदाजीत रक्कम
1	Laptop	45000	1	45000
2	Printer	15000	1	15000
			एकुण रु.	60000

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जिल्हा आरोग्य अधिकारी  
जिल्हा परिषद गडचिरोली