

अनुक्रम - ①

Sr. No - 11068

Price - 1,00,000/-

PERIPHERAL NERVE STIMULATOR (High end)

Technical specification

1. Should have a current range from 0.1 to 5mA
2. Should have a resolution of 0.01mA.
3. Should have a digital display for current.
4. Should have short stimulus pulse duration of 0.1ms.
5. Should have a frequency range from 0.1 to 99 Hz
6. Should be able to monitor single twitch, Train of four, PTC and DBC.
7. Should have integrated electrode cable with lead.
8. Should be battery operated.
9. Should be supplied with 20 sets of insulated needles in varied length.
10. Should have nerve maper.
11. Should have safety certificate from a competent authority CE/FDA (US)/ STQC CB certificate or valid detailed electrical and functional safety test report from ERTL. Copy of the certificate /test report shall be produced along with the technical bid.



Prof. & H.O.D.
Dept. of Anaesthesia
G.M.C. Miraj & P.G.H., Sangli

सहयोगी प्राध्यापक
चिकित्साशास्त्र विभाग -
शा. वै. म. मिराज प.व. पा. शा. व. संगली

R. S. H.

सहयोगी प्राध्यापक
चिकित्साशास्त्र विभाग
शा. वै. म. मिराज प.व. पा. शा. व. संगली

12 Channel ECG Machine

- Should be 12-channel ECG recording with 12 lead simultaneous acquisition
- Should have minimum 7-inch Touch screen color display
- Should have QWERTY Alphanumeric Keyboard
- Should have Auto, Manual, Rhythm and R-R analysis modes which can be chosen freely
- Should have Glasgow ECG interpretation
- Should have detection for failure electrodes on display
- Should have different sampling modes to choose from Pre-sample, Real-time sample, Periodic
- Sample and Arrhythmia triggered sample
- Should have Pacemaker detection facility
- Should have a frequency response of 0.01-300 Hz
- Should have sampling frequency of 16000 Hz
- Should have CMRR of 2123dB
- Should have A/D of 24 bits; Time constant of 23.25s.
- Should have option to select the gain from 1.2 mm/mV, 2.5 mm/mV, 5 mm/mV, 10 mm/mV, 20 mm/mV or 10/5 mm/mV
- Should have AC filter, DFT Filter:
0.01Hz/0.05Hz/0.15Hz/0.25Hz/0.32Hz/0.5Hz/0.67Hz, EMG
Filter: Off/25Hz/35Hz/45Hz, LOWPASS
- Filter: 300Hz/270Hz/150Hz/100Hz/75Hz
- Should have inbuilt WiFi for ECG data transmission
- Should have Multiple file formats: DAT, PDF, SCP, FDA-XML, DICOM
- Should be able to export multiple file format directly to USB
- Should have remote FTP server upload feature with Auto transmission once ECG acquired
- Should have a large storage of minimum 700 ECG's
- Should have preview function to view ECG waveform before printing
- Should have High resolution thermal recorder with high resolution waveforms, calibration mark, gain, speed and filter
- Should have different recording speeds: 5mm/s, 6.25mm/s, 10mm/s, 12.5mm/s, 25mm/s, 50mm/s.
- Should have option to select a style to print the ECG waves of 12 leads from: 3x4, 3x4+1R, 3x4+3R, 6x2, 6x2+1R, 12x1
- Should support external USB printer
- Should have Li-ion battery
- Should be able to operate for 4 Hours & print about minimum 280 ECG in Auto mode
- Should support multi-language Should support bar code reader



- Should have upgradable feature of PC interface for feature of order function
- > Product should be European CE Certified
 - > Manufacturer should be 13485:2016 certified company

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The device should be provided with standard accessories:


ECG Cable -1 No
Gel Bottle- 1 No
Chest Electrodes (Set of 6) - 1 No
Limb Electrodes (Set of 4)-1 No:
Paper Roll- 1 Roll
User Manual-1 No

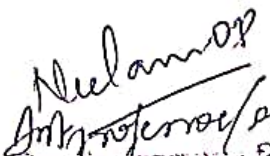


Power Supply :- Input to be 220-240 VAC 50 N Fitted with Indian fit
Should be FDAOE European CE Approved.
Electrical safely conforms to standards for
Electrical Enfety IEC-60601-1 General requirement and IDC 606011 2
Electro
Documentation- Use manual in Englis list important Spare Parts & Accessories.
Certification of Calibration of inspection from factory.

पान क्र - 1/2

price - 1,50,000


डॉ. रामचंद्र बी. गुरुटे
एम.डी.
प्रोफेसर व विभाग प्रमुख
आपत्कालीन औपच्येयकशास्त्र विभाग
शा. वै. म. व रुग्णालय, मिरज.


आपत्कालीन औपच्येयकशास्त्र विभाग
शा. वै. म. व रुग्णालय, मिरज.

अनुक्रम - 03

Code - 11035

PORTABLE X-RAY MACHINE

TECHNICAL SPECIFICATIONS

The device should be capable of diagnosing anatomical oral structures and outside specimens.

Should be easy to operate, easy to carry, safety, reliability, and greater functionality.
Should be light weighted and ergonomic design.

Technical specifications

High Voltage Generator (Assembly)

Rated input power: Device - DC 18V 3.33A

Rated output power Max. 0.21 kW

Duty Cycle

1:30 or more (Exposure time: Interval time)

Type : Inverter Type

Tube Voltage : 65-75kV

Tube Current : 2.8 - 4.2 mA

X-ray Tube

Focal spot size 0.4 mm

Anode heat contents 4.5 kJ

Maximum Anode Heat : Dissipation 110 W

Target Material : Tungsten

Target Angle: 12°

Inherent Filtration : Min. 0.8mm Al Eq @ 75kV

X-ray Coverage : 70 mm at SID 200 mm

Tube Voltage: 70 kV

Tube Current Max. 12.0 mA

Requirements

EQUIPMENT shall be provided with means to optionally allow actuation of the IRRADIATION from a PROTECTED AREA after installation.

Relevant instructions shall be given in the ACCOMPANYING DOCUMENTS.



price - 1,60,000

R. Sankar

डॉ. रामचंद्र बी. बुरुटे
एन.डी.

प्रोफेसर व विभाग प्रमुख

आपत्कालीन औपचारिकशास्त्र विभाग

शा. वै. म. व रुग्णालय, मिरज.

Neelam O.P.
Abhi Prapanna/S.R.
आपत्कालीन औपचारिकशास्त्र विभाग
शा. वै. म. व रुग्णालय, मिरज.

अनुक्रम - 04

DEPARTMENT OF CONSERVATIVE DENTISTRY AND
ENDODONTICS 11127
SPECIFICATION FOR LCD PROJECTOR



1. Mobile projector for the teaching institution with LCD technology. Easy for transportation from one classroom to other room. It should be easy to set up quickly.
2. It should provide High-Definition images.
3. It should be able to project picture and documents from laptop, computer, or even mobile and display it in larger size with undisturbed clarity.
4. It should have preferably 3 LCD technology.
5. It should be provided with inbuilt Wi-Fi wireless connectivity
6. Lamp life should be long enough preferably 10,000 hours.
7. It should be provided with a carrying bag with a handle for easy transport.
8. Network card: Ethernet 10/100 MB or more.
9. 2-year warranty and 8 year CMC should be made available at 5% of purchase cost per year for all the components of the system.
10. It should have at least 2 USB ports for direct connection of pen drive.

R.S = 1,00,000/-

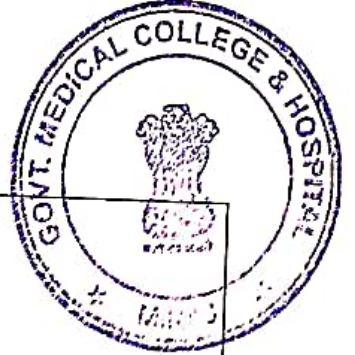
RP Phavan

Dr. P. Phavan, M.D.
Reg. No. 25380/17 of
Prof. & Head, ENT
Govt. Medical College & Hospital, Miraj

RA

Dr. E. N. T. Dr.
Govt. Medical College &
Hospital, Miraj.

अनुक्रम - 05



**Specifications
Dissection table
(Medium End)**

Table with stainless steel tops with a minimum size of 6'L x 2'W x 3'H (S S 310) (with foldable hand rest and foldable instrument tray with central drain tube and disposal tray)

Sr. No. 10055 Rs. 30,000/-

$7 \times 30,000 = 2,10,000/-$

Ahth.
प्रो. प्राध्यापक व विभागप्रमुख,
शरीररचनाशास्त्र विभाग,
शासकीय वैद्यकीय महाविद्यालय, भिरज



Specifications
Rotary Microtome
(Low End)

Rotary Microtome

Type of microtome - (Mechanical) - Low grade

- Section thickness setting range: 1 - 60 μm
- Trimming section thickness setting range: 10 μm , 30 μm
- Specimen feed: Approx. 24 mm \pm 2 mm
- Vertical stroke: 70 mm \pm 1 mm
- Maximum specimen size (H x W x D): Large standard clamp: 55 x 50 x 30 mm
- Super Cassette clamp: 68 x 48 x 15 mm
- Unique force balance system- Yes
- Specimen retraction: Approx. 40 μm ; can be turned off

COARSE FEED AND MOTORIZED SECTIONING SPEEDS

- Slow forward and backward speed Fast forward speed Fast backward speed (fast homing)
- Personalized coarse feed wheel user selectable user selectable user selectable
- Specimen orientation with zero position horizontal / vertical rotation: $\pm 8^\circ / \pm 8^\circ$
- Waste tray anti-static
- Cost - 60000/-

Sr. No. 10109

Rs. 60,000/-

प्र. प्र. प्र.
प्राध्यापक व विभागप्रमुख,
शरीररचनाशास्त्र विभाग,
शासकीय वैद्यकीय महाविद्यालय, मिरज

अनुक्रम - ०७



Specifications

**Tables with stainless steel tops
(Medium End)**

Tables with stainless steel tops – half standard
size:3'x2'x3' (LxWxH) (SS310)

Sr No. 10059

(१ नं०)

Rs. 20000/-

✓ Alte.
प्राध्यापक व विभागप्रमुख,
शरीररचनाशास्त्र विभाग,
शासकीय वैद्यकीय महाविद्यालय, मिरज

अनुसूची - ०८



Specifications

Dynamometer

(Medium End)

Dynamometer- Especially suitable for use in rehabilitation centers/physiology labs.
Real time mode: immediately shows the patients current strength. As part of a rehabilitation program, this permits medical staff to monitor the fitness of the patients hands and carry out controlled training exchangeable springs facilitate fast switching of the capacity Stable case for safe, easy transport

SR NO: 10181

Price: 16800/-

SLH

ASSISTANT PROFESSOR
DEPT. OF PHYSIOLOGY
GOVT. MEDICAL COLLEGE, MIRAJ.

SRant

ASSOCIATE PROFESSOR
DEPT. OF PHYSIOLOGY
GOVT. MEDICAL COLLEGE, MIRAJ.

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प्राध्यापक व विभागाध्यक्ष,
शरीरक्रियाशास्त्र विभाग
शासकीय वैद्यकीय महाविद्यालय, मिरज.

अनुक्रम - २९

(10148)



Specifications

Sphygmomanometer without Mercury

Sphygmomanometer with digital display and adult Riva Rocci cuff.

Rs. 3200/-

Signature

5 X 3200

2 16000/-

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शरीरक्रियाशास्त्र विभाग
मातृकीय वैद्यकीय महाविद्यालय, मिरज.



अनुक्रम - 10

SPECIFICATION

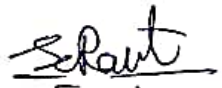
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LISTER'S PERIMETER

- 1) Supporting stand
- 2) metallic arc
- 3) Chinrest
- 4) Scale & Chart frame
- 5) Chart
- 6) Colour test object

RS-50400/-


ASSISTANT PROFESSOR
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GOVT. MEDICAL COLLEGE, MIRAJ.


ASSOCIATE PROFESSOR
DEPT. OF PHYSIOLOGY
GOVT. MEDICAL COLLEGE, MIRAJ.


प्राध्यापक व विभाग-प्रमुख,
शरीरक्रियाशास्त्र विभाग
राज्यीय वैद्यकीय महाविद्यालय, मिरज.

अनुसंधान - 11

SPECIFICATION

MOSSO'S ERGOGRAPH

- 1) The supporting platform - plate, fixer, metal clamps, string with leather strap, weights.
- 2) Metal runner holding pencil, writing on paper.



SR.No - 10162

Rs - 25760/-

Signature

ASSISTANT PROFESSOR
DEPT. OF PHYSIOLOGY
GOVT. MEDICAL COLLEGE, MIRAJ.

Signature

ASSOCIATE PROFESSOR
DEPT. OF PHYSIOLOGY
GOVT. MEDICAL COLLEGE, MIRAJ.

Signature
प्राध्यापक व विभाग प्रमुख,
शरीरक्रियाशास्त्र विभाग
शासकीय वैद्यकीय महाविद्यालय, मिरज.

अनुक्रम - 12

Projector

Serial No - 10360

P :- 40000/-

Technical Specification		
1.	TECHNOLOGY	3LCD Technology, RGB liquid crystal shutter 0.55 inch with C2 Fine
2.	IMAGE	Color Light Output - 3,600 Lumen- 2,400 Lumen (economy) White Light Output - 3,600 Lumen Resolution - XGA, 1024 x 768, 4:3 Native Contrast - 16,000 : 1 Lamp UHE, 210 W, 6,000 h durability, 12,000 h durability (economy mode) Keystone Correction - Auto vertical: $\pm 30^\circ$, Manual horizontal $\pm 30^\circ$ Colour Reproduction - Up to 1.07 billion colours
3.	OPTICAL	Throw Ratio zoom - 1.48 - 1.77:1 Size - Digital Resolution - XGA, 1024 x 768, 4:3 Projection lens F Number - 30 Inches - 300 Inches Projection length focal length - 16.9 mm - 20.28mm Offset - 8:1
4.	CONNECTIVITY	USB Display Function - 3 in 1: Image / Mouse / Sound Interfaces - USB 2.0 Type B, RS-232C, Ethernet interface (100 Base-TX / 10 Base-T), Wireless LAN a/n (5GHz) (optional), VGA in (2x), VGA out, HDMI in, Composite in, Stereo mini jack audio out, Stereo mini jack audio in (2x), Cinch audio in, USB 2.0 Type A Epson i Projection App - Ad-Hoc / Infrastructure
5.	GENERAL	Power consumption - 327 Watt, 225 Watt (economy) Product dimensions - 302 x 249 x 87 mm (Width x Depth x Height) Product weight - 2.7 kg Noise Level - Normal: 37 dB (A) - Economy: 28 dB (A) Positioning - Ceiling Mounted, Desktop Colour - White
6.	OTHER	Warranty 36 months Carry in, Lamp: 36 months or 1,000 h Optional warranty extension available



[Signature]

Assistant Professor
Department of Community Medicine
Government Medical College, Miraj

[Signature]

Associate Professor
Department of Community Medicine
Government Medical College, Miraj

[Signature]

Prof. & Head
Department of Community Medicine
Government Medical College, Miraj

SPECIFICATIONS FOR HIGH FREQUENCY MOBILE XRAY MACHINE



1. UNIT REQUIREMENTS

1. Compact, light weight(mention weight) , easy and safe mobility, suitable for bedside X-rays in emergency, trauma, ICU, OT, paediatric , FMT and even in Radiology department for Conventional radiography. It should operate on single phase. The unit must have effective brake system for parking and transport
2. The tube stand must be fully counterbalanced / spring balanced with each rotation in all directions and lock to hold tube in different positions. Electromagnetic locking to be preferred
3. It should have an articulated arm allowing flexibility to take X-rays at the bed side. The arm should be easy to maneuver with smooth movement , vertical plane movement is a must for easy steering .
4. The Entire Tube Arm should be Swiveled with 180 degree rotation for taking sidewise X-Rays without Moving the Machine. Telescopic swirl preferred.
5. Angles in various planes and maximum distance till which the arm can be extended from machine to be specified. Better will be preferred
6. The mobile stand is designed for maximum maneuverability of the unit & is able to achieve tube focus to floor distance of 75 inch & tube focus to table top distance of 46 inches (Standard Radiography Table)
7. The equipment should occupy minimum floor area (mention foot print) & should be capable to be taken through elevators with ease. Mention the height of the column stand , it should allow transportation in lifts and small height areas as well.

2. GENERATOR

1. Generator should be capacitor charged. Microprocessor controlled high frequency generator output of 6- 8 KW or above should be provided to give stable constant output for a wide range of radiography
2. It should have a digital display of kV and mAs with electronic timer and two- point system.
3. kV range : 125kV maximum at what mAs to be mentioned
4. mA range: Should have minimum 150mA or more, should be able to deliver upto 100 mAs , mAs range: mention the steps and the complete range
5. Exposure time of 4ms or better.
6. A very compact, soft touch control panel having undermentioned functions & indications should be provided.
7. Following features should be available on control panel. Machine ON/OFF switch.
8. Digital Display of KV & mAs increase & decrease switches. KV & mAs, increase & decrease switches.
9. Ready & X-Ray on switch with indicators.
10. Self diagnostic programmed with indicators for Earth fault error, KV error, Filament error, Tube head Thermal error.
11. Extended hand switch with cable for x-ray exposure with an extended cord length above the standard to allow distancing while shooting as per user requirement(5 meters at least)

3. X-RAY TUBE

1. Please specify the Focal spot size, anode rotation per minute, filtration provided by the tube.
2. Anode heat storage capacity to be mentioned (60 KHU or more -Please mention).

Sr. No. 10979 Rs. 10,00,000/-

[Signature]

Professor and Head of Department
Department Of Paediatrics,
Government Medical College & Hospital, Miraj.

[Signature]

Assistant Professor
Department of Paediatrics
Government Medical College Miraj
P.V.P. Government Hospital Sangli

[Signature]

Associate Professor
Department Of Paediatrics
Government Medical College, Miraj.
P. V. P. Government Hospital Sangli,

अनुक्रम - 14

Rs. 3,00,000/- The Blood Gas Analyzer System

[1559]

The Blood Gas Analyzer System which is USFDA approved platform, Point of care diagnosis for all your patients in emergency and ICU where time is a constraint.

Point of care system for rapid, accurate results in just 30 seconds.

TECHNICAL SPECIFICATIONS OF BLOOD GAS & ELECTROLYTE ANALYSER

- 1- Instrument is a Palm Top Blood Gas & Electrolyte Analyser and it is convenient to carry at patient bed-side for point of care testing.
- 2- Measured parameters: pH, pO₂, PCO₂, Lactate, Haematocrit, Na, Ka, ICA, Hct, as the stan built in measurable parameter. Deshabilshaik
- 3- Delivered parameters: cHCO₃, CTCO₂, BE (ecf), BE(b), cHgb.
- 4- Input parameters: Patient temperature, patient ID, user ID
- 5- All the tests blood gases/electrolytes/glucose/lactate are performed on a single test cartridge
- 6- Test cartridges utilize smart and flex card technology
7. Facility to choose sample type from menu like arterial, venous, capillary, cord, mixed venous sample.
- 8- Embedded barcode scanner
- 9- The results are displayed and printed.
- 10- Cartridge can be stored at room temperature
- 11-Sample volume not be more than 100 µl for blood gas and Electrolyte parameters.
- 12-Sample measuring time 60 sec for Blood gas and Electrolyte parameters. There is no start up and shut down time.
- 13- No additional calibration gases or liquid is required. Each cartridge comes with a built in calibration solution & work at Room Temp.
- 14-Can be interfaced with hospital management software as an optional facility. The display monitor should be detachable which the physician can carry if required.
- 15-System can be upgradeable on the field for other additional parameters which would be introduced in future.
- 16-If the patient temperature is out of 37 C degrees the calibrated values at patient temperature: is also be displayed and printed.
- 17-Memory: System stores the last 5000 patient's data with the help of internal Lithium battery and the software should be window based.
- 18-Accessories: Printer



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₹ 3,00,000/-