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SURGERY

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SPECIFICATION FOR CONTACTLESS SANITIZER DISPENSER

- A compact contactless dispensing unit sprays alcohol based sanitizer when both hands are placed under it, its aerated mist based formula uses only 5-6 ml. of sanitizer ensuring optimum usage.
- It releases full cone spray mist for 1.2 seconds in single operation.
- Contactless technology works on ultrasonic sensor to ensure zero touch, high operational precision to completely disinfect both hands at once.
- A wall mountable unit is Enables with two display LEDs to indicate on/off status and dispensing in progress.
- Bulk sanitizer container tank makes it hassle free and economical.
- Dimensions :- 36Cm (H) X 30 cm (W) X 22cm (D)
- Electrical Input :- 230 VAC, % Amp
- Power consumption
 - 1. Idle Mode - <3VA
 - 2. When Spraying- 25VA
- Weight of Unit – 5.2 Kg (Without Sanitizer)
- Mounting Style- Wall mount
- Outer Body- Material – ABS/FRP/PVC
- Sanitizer Container – This is the container where the sanitizer is stored/refilled
- Material- ABS/FRP/PVC
- Capacity- 5 Liters
- Solenoid Valve- This Valve prevents water to drip from the nozzle when the pump is not working
- Working Voltage – 24 V DC
- Diaphragm booster pump- This pump is used to provided increased pressure to the inlet of spray nozzle for atomizing
- Working Voltage- 24 V DC
- Working Pressure – 5-6 bar
- IP rating- IP 54
- Atomizer Nozzle- This nozzle sprays sufficient amount of sanitizer amount of sanitizer at required cone angle to wet both the hands for 5-12 seconds
- Material – Chemical resistant Plastic/Brass
- Flow rate – 5-6 ml for each operation
- Waterproof non-contact Ultrasonic sensor- This module , with air as medium, is a non-contact target detection and distance measurement

module. This sensor is not affected by color or other visual from the detected object. The ultrasonic sensor sends out high frequency sound waves in the direction of detection, and receives the reflection from nearby objects and gives distance reading by processing the echo time.

- Material – Plastic
- IP Rating- IP 67
- Min. sensing distance- 2 cm
- Max hand distance- 20 cm
- Metal detector with Thermal Scanner
- Face Detection with Thermal Scanner Time Attendance & Access control systems
- Handheld Thermal Scanner
- Disinfection Sanitizer Tunnel Spray systems
- Automatic hand sanitizer Dispensing Machine.



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SPECIFICATION FOR CAUTRY MACHINE

We introduce in the medical sector a new microprocessor based Electro Surgical Generator – SMART 4 . It combines excellent performance of Monopolar (Cut – Coag) and BIPOLAR modes, Integrated with microprocessor controls. This ESU provides user safety to the user during surgery and is ideal for surgeries that require high precision and reliability. Spray coagulation is an internal part of this surgical unit that gives a good homeostasis effect with minimum cutting effect.

FEATURE :

- 1) Feedback controlled response system
- 2) Automatically stops energy delivery as soon as the seal cycle is complete .
- 3) Minimum cutting effect
- 4) Spray Coagulation
- 5) Pure and smooth cut
- 6) BIPOLAR Output with a non sparking characteristics
- 7) Prompt start even in irrigation procedures
- 8) Providing good homeostasis effect

APPLICATION :

- 1) Micro Surgery
- 2) Laparoscopy surgery
- 3) Neurosurgery

TECHNICAL SPECIFICATION : CUT :

MODE	PROGRAMS	POWER	LOAD	Operating Frequency
PURE	99	400 W	500 Ω	480 KHz
BLEND 1	99	250 W	500 Ω	480 KHz
BLEND 2	99	200 W	500 Ω	480 KHz
Endocut	99	99 %	500 Ω	480 KHz

COAG :

MODE	PROGRAM	PCWER	LOAD	Operating Frequency
SPRAY	99	120 W	500 Ω	480 KHz
FULGURATE	99	150 W	500 Ω	480 KHz
DESSICATE	99	150 W	500 Ω	480 KHz

BIPOLAR :

MODE	PROGRAM	POWER	LOAD	Operating Frequency
SOFT	99	80 W	100	480 KHz
FORCE	99	80 W	100	480 KHz
CUT	99	100 W	100	480 KHz

Other Parameters :

Display	7 Segment LED
Dimension (W / H / D)	290mm / 105mm / 260mm
Weight	4 Kg
Keyboard	Feather touch
Input Supply Voltage	230V/AC + 15% @ 50/60hz



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SPECIFICATION FOR PEDSTAL O.T. LIGHT

Mobile OT Light Z 400M is designed in accordance with international quality parameters and is equipped with operating lights those is mobile in nature. The engrossed light are disinfectant resistance that make it maintenance free and enhance shelf life . This Surgical light is required for low energy consumption and incorporated with simple mechanical focusing handle designed for easy removing and fixing requirements . Therefore this range is appreciated for maintaining the hygienic condition and offer touch free adjustment functioning.

Technical specification :

Control Unit : SMPS
Color Temperature : 4300K
Focus Diameter : 15 – 25 cm
Light Intensity : 1,20,000 Lux
Light Head Size : 60 cm
Illuminating Adjustment : 10% - 100%
Height Adjustment : 120cm
Depth Of Illumination : 110 cm
Number Of LED : 72
Life Span Of LED : 50,000 Hrs
Color Rendering Index : 92
Total Power Consumption : 40W
Power Supply : 160V - 240V DC , 50Hz



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SPECIFICATION FOR BIPOLAR VESSEL SEALER

Vessel sealing devices of 5mm in diameter for laparoscopic surgery provides only a small breadth of sealing area. Therefore various double sealing technique have been tried to enhance bursting pressure of the sealed vessels by surgeons .

Sealing techniques tested were as

- 1) Regular usages artery was divided with built in cutter after single sealing – sealing width = 2mm
- 2) Artery was divided distal to single sealing – sealing width = 5mm
- 3) Two Consecutive sealing with 50 % overlap and division of artery with built in cutter after second sealing width = 5mm

Technical specification :

Core Body: High integrated steel

Outer body : BY Slives to resist the current transfer from cautry to sealing artery

Diameter : 5mm

Jaw Type : Meryland or straight

Handle : Easy to fix for operation.

Mode of Operation : Bipolar



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SPECIFICATION FOR Manual OT Table

OT table is suitable for all kind of surgeries, ie: General Surgery , Capsular surgery , Cardio , Neurology , Urology , Gynecology , Proctology , Laparoscopy , Traumatic Surgery , Plastic Surgery and other. The base and colour of the table is made of high quality medical stainless steel (Noncorosiv). Non reflecting surface, antibacterial and easy to clean. Hight adjustment , lateral tilts , trendelenburg and flex – Reflex , chair position are controlled manually.

Silent Features :

- Table top is divided into 5 section providing numerous articulation possibility .
- Table top is X-Ray compatible 4
- The base of the table is scientifically designed "T" shaped SS covered heavy base providing optimum foot room for comfortable position of the surgeons .
- Equipped with a large translucent table top providing laparoscopy functions without patient reversing.
- Detachable Interchangeable head and leg sections provides further versatility.
- Integrated weight compensation by manual adjustment of the head and leg section.
- Non corrosive stainless steel construction including table top frames, accessories rail base cover and column telescopic covers. Easy for cleaning and hygiene.
- 50mm decompressed mattress with greater comfort and easy to clean .
- Pedal operated breaking system secures the table in its place while in use.
- Heavy duty concealed hydraulic pump away from leakage & Dust due to unique oil filter.

Technical specification

- Top Dimension : (L) 1800mm x (W) 533mm
- Height Adjustment with pedal : 700mm – 950mm
- Trendelenburg / reverse : 30Degree / 25Degree
- Lateral tilt : 20Degree / 20Degree
- Kidney Elevator : 150mm
- Back Rest (Upword / Downword) 80Degree / 25Degree
- Leg Rest (Upword / Downword) 15Degree / 90Degree
- Patient Weight Capacity 200Kg (440 lbs)

Standard Accessories :

- Anesthetic screen
- Lateral support with pad
- Shoulder support with pad
- Knee crutches
- Arm Boards with Pad
- Water proof rubber mattress



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SPECIFICATION FOR O.T. LIGHT

For better visualization and distinguish between small tissue , light equipped with multy colour LED combination : The multy color combination module make it possible to adjust the color temperature , as required by surgeon on depth to wound area with quality light .

Aerodynamic shape : Keep light cool with air supply sealing with the use of open design

Light Color Pattern Adjustment : The panel and remote is designed with graphical icon to allow user to quickly learn and easily operate .

Technical Specification :

Light Source Type : LED

Color Temperature : 4300 k

Model No. : XN 3

Focus Diameter : 15 – 20 cm

Leds Time : 50,000 HRS

Light Head Diameter : 530mm

Control Unit : SMPS

Illumination Intensity : 120,000 Lux at 1m

Color Rendering Index : 93

Number Of LED : 63

Battery Backup : 3 Hrs

ON / Off Finger touch switch

Light Intensity Adjustment

Light Color Pattern Adjustment

Can be move on low inertia anti static , castors.

Head of light is mounted on spring – balanced arm for easy position.



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SPECIFICATION FOR PULSE OXYMETER

Main Feature :

Display with 2.4" (320 x 240) color TFT LCD and blue highlight LED
Visual and audible alarm for systolic Pressure (D/A) , Mean Pressure (MAP) , SpO2 and Pulse rate (PR) , and upper and lower limit of alarm can be set.
Unique Flash memory, storage for up to 2000 NIBP data or SpO2 data within 48 hours.

Technical Specification :

SpO2

Measurement Range : 0-100%

Resolution : 1%

Accuracy : 70-100 % \pm 2% , 0.69% unspecified

Alarm Range : 0-100 %

PULSE RATE RANGE : 25 – 250 bpm

Resolution : 1bpm

Accuracy : \pm 2bpm or \pm 2% (select larger)

NIBP

Method : Oscillometry

Operation mode : Manual / Automatic

Measurement Range : 10~270mmHg \pm 10mmHg

Auto Measurement Time : 1~250minutes

Over Pressure Protection : yes

Alarm : systolic , diastolic & mean

Dimension : 240mm x 140mm x 162mm

Net weight : 1.6Kg



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SPECIFICATION FOR CHANNEL ECG MACHINE

Most Economical high performance Electrocardiograph.
One touch operation for acquisition, analysis & printing that minimize training needs.
Suitable for high volume hospital use.
Capable of Communicating with PC for further viewing and management of ECG data.
Simultaneous acquisition of all 12 leads.
High resolution graphic TFT (color) display for onscreen preview of ECG waveform.
Full alphanumeric keypad to enter patient and clinic information.
Digital filter to eliminate baseline drift, AC & EMG interference .
Isolation protection against defibrillation.
Real time clock for date and time indication.
Paper out indication.
Printing Option ie; Rhythm lead , median , enlarge median , Grafical Axis , Measurement & Interpretation .
Internal ECG data storage of upto 50 patient.
Unlimited data storage through USB memory stick (Optional)
Offline ECG data transfer to PC (Optional)
Direct A4 ECG printing (Optional)

TECHNICAL SPECIFICATION

ECG
A/D Resolution : 12 Bit
Filter : Low pass filter 20,35,40,130 Hz
High pas filter 0.05, 0.10, 0.50 & 1.0Hz
Notch Filter : 50/60 Hz
Acquisition ; Auto / Manual
Input Impedance : $\geq 100M$ ohm
CMRR : 100 Db
Sensitivity : 5mm /Mv , 10mm/Mv , 20mm/Mv
Lead sullection: Standered 12 leads
Memory : 50 Patient
Frequency Response : 0.05-150Hz
Time Constant : 3.2 sec
Leakage Current : ≤ 10 Micro Ampere

Display
Display Format : Three Channel
Graphics Display : 320 x 240 Pixel TFT Screen (Color)
Display Size : 3.5"

Recording & Printing

Record : : Thermal Printer
50mm/sec
Paper Speed : 12.5mm /sec, 25mm/sec,
Recording Paper: Thermo Sensitive 80mm(Rolled)
Printing Label : Patient Information te,nplate, leads, Calibration, Print Speed , Filter ,
Sensitivity

Print-Out Format : A) Auto Mode -3, 3± R with medians, 3+R with medians + axis + measurement & Interpretation

B) Manual mode – 3channel three different lead selected from keypad

Power Supply :

Line Power supply : ~220 – 240 V , 500Hz ± 10%

Power Supply Operation : AC/DC with On/Off line battery charging

Battery : = 12v / 1.2AH (Lead Acid)

Charging Time : 3 Hours

Mechanical :

Dimensions (mm) : 288mm x238mm x85mm

Weight : 1.8Kg approx

General

Type Of Protection : Class II A Degree of Protection : Type BF

Communication Interface : USB

Safety & Regulatory

1) Standards :

EN ISO 1497:2000 + A1:2003C, EN ISO 13485 : 2003, EN 980 : 2003

EN 60601-1:1990/A1: 1993, EN 60601 - -2:2001 , EN 60601-2-25:1995

EN60601-2-51:2003

2) Directive :

MDD - 93/42/ECG

EMC - 89/336/ECG

ACCESSORIES :

ECG Patient Cable :	(1)	Adaptor 19V, 3A, AC-DC	(1)
Power Cord	(1)	Fuse T 1.5A	(1)
Earthing Wire (Optional)	(1)	Bulb Electrode	(6)
Limb Electrode	(4)	Cunducting Tube Jelly	(1)
Thermal Print Roll	(1)	User Maual	(1)


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SPECIFICATION FOR FOWLER BED

Automatic Grade : Manual
Coating : Powder coated
Number of wheels : 4
Material : Mild Steel
Backrest lifting : Mechanical control by crank handle
Color : White
Streamline Bed Board : Made of CRS
Cold Steel Sheet Surface With MIG Soft Joint

Feature :

- Function : Two Function
- Back Lift : Mechanical control by crank handle
- Knee rest lifting : Mechanical control by crank handle
- Head and foot panels : Elegant high quality Molded panels – removable
- Top : Four section
- Framework : Mild Steel
- Castor : 125mm dia
- Brakes : Two caster with Individual brakes
- Saline stand provision on four location
- Dimension : (L) 2050mm × (W) 940mm × (H) 610mm


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KEY FEATURES

- Table top model.
- Back illuminated LCD (2 Line, 16 Character).
- Microprocessor based controller with programmable operation.
- Acrylic see-through cover with electronic door locking with open lid detection.
- Lid lock on display (If door is not closed properly).

TECHNICAL SPECIFICATIONS

Principle	Centrifugation
Card capacity	24 cards
Rotor Head	Polycarbonate plastic
Speed	Fixed - 980 rpm (for 85 g)
Motor	Permanent Magnet DC motor (PMDC)
Timer	Fixed- 10 minutes, Timer cut-off alarm
Power Supply	110 / 220V, 50 / 60 Hz.
Dimensions	50 cms x 37 cms x 25 cms
Net Weight	12.5 Kgs
Cat. No.	817MC002400

LIST OF STANDARD ACCESSORIES SUPPLIED ALONG WITH THE INSTRUMENT

Components	Qty	Components	Qty
Power Cord	1 No.	Pipette Fixed 10 µl	1 No.
Pipette Fixed 25 µl	1 No.	Pipette Fixed 50 µl	1 No.
Bottle Top Dispenser	1 No.	Micropipette Tips	2 Boxes x 96 Tips
User Manual	1 No.	Workstation (stand for holding Matrix cards)	1 No.

CONSUMABLES AVAILABLE ON ORDER

Components	Cat No.	Pack Size
Matrix Contavoid	823MC106100	1 x 100 Units
Octopus Contavoid	8240C108100	1 x 100 Units
Pipette Fixed 10 µl	MP-0010	1 No.
Pipette Fixed 25 µl	MP-0025	1 No.
Pipette Fixed 50 µl	MP-0050	1 No.
Pipette Variable 5-50 µl	MPV-0550	1 No.
Micropipette Tips	PT-0296	1 No.
Bottle Top Dispenser	BD-5250	1 Box x 96 Tips
Workstation	WS-1200	1 No.
		1 No.

KEY FEATURES

- Seven segment LED display with front panel keys.
- Working temperature 37°C (set temp.)
- Warm up time maximum 30 minutes.
- Timer with alarm (15 minutes).

TECHNICAL SPECIFICATIONS

Principle	Incubation
Card capacity	24 cards
Operating conditions	Temperature- Ambient 25° - 40°C
Power Supply	230V, 50 Hz.
Dimensions	29 cms x 25.5 cms x 14.5 cms
Net Weight	5.1 Kgs
Cat. Nos.	821CW002400

LIST OF STANDARD ACCESSORIES SUPPLIED ALONG WITH THE INSTRUMENT

Components	Qty
Power Cord	1 No.
User Manual	1 No.

Handwritten signature

Donor Station DC 200

PARAMETER	SPECIFICATION			
Product Code	DC200			
Power Source	230±10%VAC, 50Hz,Single Phase	230+10%VAC, 60Hz, Single phase	130±10%VAC, 60Hz, Single phase	110±10%VAC
Fuse	250V, 1A, 5x20mm, Type T		250V, 2A, 5x20mm, Type T	125/250V, 2A Type T
Lifting Capacity	135Kg			
Weight	Net Weight : 130 kg Gross Weight : 190 kg			
Classification	Protection against electrical shock: Class I (similar to Type B Applied parts)			
Operation	6 minutes/hour continuous			
Power Consumption	Operating: 100W(max) Standby: 5W			
Movement / Position	Any Intermediate Position between Sitting position and Vasovagal attack position			
Movement Actuation	DC Motor and Torque multiplier			
Initiation of motor movement	By operating the Rocker switch			
Arm Rests	Both swivellable and lift/ height adjustable			
Upholstery	Soft Upholstery of 2½ inch thickness			
Upholstery colour	Dark Blue			
Maneuverability	Provided with Castor wheels			

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Accessories	BCM Tray, BP Apparatus Tray, Tray for Accessories and Telescopic IV Stand
Dimensions	Length of seat: 100±2cm Length of back rest: 90±2cm Width: 67±2cm Length of arm rest: 60±1cm Width of arm rest: 15±1cm Maximum height of leg rest: 81±2cm Height of seat: 52±2cm Vasovagal attack position height: 67±2cm Max. height of back rest: 111 ±2cm
Interface	For connecting BCM
Powder coating specification	Make (Company) –Titan paints. Product colour-RAL 9010.Finish-Texture
Working Environment	Temperature: 5 to 40°C Relative humidity: 30 to 75% Atm Pressure: 700 to 1060hPa
Storing and Transportation	Temperature: -20 to 40°C Relative Humidity: 20 to 90% Atm Pressure: 600 to 1060hPa
Ingress of water	IPX0
Warning	Replace fuses with specified type & rating to protect from fire

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Dimensions

SPECIFICATIONS FOR SMART LED TELEVISION

- SCREEN SIZE (INCH, MEASURED DIAGONALLY) 43 (42.5) TO 50 INCH

CONNECTIVITY

- HDCP HDCP1.4
- USB DRIVE FORMAT SUPPORT - FAT16/FAT32/NTFS
- COMPONENT VIDEO (Y/PB/PR) INPUT(S) -No/YES
- HDMI INPUTS TOTAL: 2 -4
- COMPOSITE VIDEO INPUT(S) 1
- RS-232C INPUT(S) No
- SUBWOOFER OUTPUT(S) 1 -2
- DIGITAL AUDIO OUTPUT(S) No/YES
- IF (SATELLITE) INPUT(S) No
- USB HDD RECORDING No
- MHL No
- HDMI AUDIO RETURN CHANNEL (ARC) Yes (ARC)
- RF (TERRESTRIAL/CABLE) CONNECTION INPUT(S) 1
- HEADPHONE OUTPUT(S) 1
- USB PORTS 2-4 (Side)
- USB PLAYBACK CODECS
MPEG2/MPEG2PS/MPEG2TS/AVCHD/MP4Part10/MP4Part2/AVI(XVID)/AVI(Motion.peg)
/WMV9/WMV/WEBM/WAV/MP3/WMA/JPEG
- WI-FI STANDARD WI-FI® Certified 802.11b/g/n OR LATEST AVAILABLE
- HDMI-CEC Yes
- SMARTPHONE CONNECTIVITY Media Connect, USB Tethering, Screen Mirroring (i-lifecast)
- AUDIO OUTPUT(S) 1
- BLUETOOTH PROFILE SUPPORT No/YES
- ETHERNET INPUTS 1 (Rear)


Picture (Panel)

- DISPLAY RESOLUTION (H X V, PIXELS) 1920 x 1080
- DISPLAY TYPE LED/LCD
- BACKLIGHT TYPE Direct LED

VIEWING ANGLE (X-WIDE ANGLE)

- BACKLIGHT DIMMING TYPE - Frame Dimming
- Picture (processing)

- COLOUR ENHANCEMENT - Live Colour™ Technology

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Specifications for Polarizing Microscope

Technical Specifications:

MECHANICAL BODY

Single mold sturdy stand with anti-rust materials.

TRINOCULAR OBSERVATION HEAD

Siedentopf Trinocular 30° inclined 360° rotatable. Interpupillary distance adjustable between 48-75mm. Diopter adjustments ring in at least one eyepiece.

EYEPIECES

Extra Wide Field 10x (PAIRED) FOV 20mm.

NOSEPIECE

Quadruple nosepiece revolves on ball bearing.

ANALYZER

Rotatable analyzer with graduation 0° - 90°

OBJECTIVES

STAIN FREE PLAN

ACHROMATIC 4X. STAIN

FREE PLAN ACHROMATIC

10X. STAIN FREE PLAN

ACHROMATIC 40X. STAIN

FREE PLAN ACHROMATIC

60X.

CIRCULAR ROTATING MECHANICAL STAGE

Rotatable Large 170mm diameter circular rotating (360°) stage utilize ball bearing i.e. graduated in 1° increment and include a vernier reading to 6'. Stage rotation lock screw & stage centering knobs provided.

CONDENSER

Stain-Free Polarizing condenser N.A. 0.9/0.25 with adjustable iris diaphragm and filter holder.

FOCUSING

Co-axial focusing control with ball bearing guideways & large knobs, pre-focusing lever & tension adjustment ring. The slow motion has 1DIV=2microns.

COMPENSATOR

Gyps 1st (dia. 18mm, 1st order red compensator plate, 550 nanometers) Mica ¼th (dia. 18mm, 147.3 nanometers) Quartz Wedge (12 X 28mm, F-IV)

POLARIZER WITH LOCK

Can be rotated 360°

ILLUMINATION

Incorporates transmitted 12V/20W lamp.

POWER SUPPLY

220-240V, 50/60 Hz.

WARRANTY

2 years

STANDARD ACCESSORIES

Operating manual, STYRO FOAM Molded Pack, filters, Lens cleaning cloth.

Handwritten:
16.5.2020

**S.R.T.R. GOVT. MEDICAL COLLEGE AMBAJOGAI
DEPARTMENT OF PATHOLOGY**

Specifications for Fluorescence Microscope

Optical system: Infinity chromatic aberration system

Viewing head: 30 degree trinocular viewing head with fixed diopter R:T= 5:5, 360 degree rotatable, interpupillary distance: 50-75mm

Eye-piece: High eye-point wide field plan eyepiece PL10X/22mm, diopter adjustable, without reticle

Objective: infinity plan Semi-Apo fluorescence objectives 4X/10X/40X/100X

Nose-piece: Quintuple nose-piece (with memory function)

Focusing mechanism: Low-position coarse and fine coaxial focusing structure, with tension adjustment and upper limit mechanism

Stage: 150×140mm double-layer mechanical stage, moving range: 76X50mm, precision: 0.1mm (triangle track)

Condenser: N.A.1.25 Kohler illumination condenser (with slots for phase contrast, dark field), with iris diaphragm, center adjustable

Transmitted illumination: 3W LED (3000K~5600K), light intensity continuously adjustable; LCD beside the frame to show the color temperature and the objective magnification

LED reflected illumination:

1. UV2 LED fluorescence module, light intensity adjustable, center wavelength of LED is 385nm
2. B4 LED fluorescence module for professional TB test, light intensity adjustable, center wavelength of LED is 455nm
3. B1 LED fluorescence module, light intensity adjustable, center wavelength of LED is 470nm
4. G1 LED fluorescence module, light intensity adjustable, center wavelength of LED is 560nm.

Power adapter: External power adapter, input 100V-240V, output 15V2.67A

Camera adapter: 0.5X focusing C-mount


16.5.2020

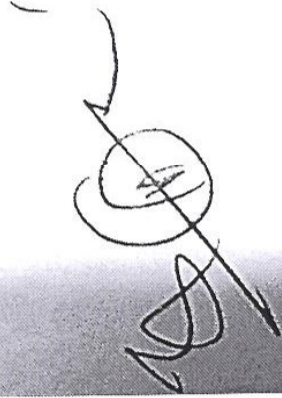
Specifications :-

Post Mortem Set are made of Stainless Steel Instruments.

The detail of the set is as below :

- * Standard operating scissors 14cm, bl/sh str, ss
- * Collin amputating knife solid handle blade 19cm, ss
- * Amputating and resection saw charriere 35cm, 14" ss
- * Operating knife solid handle, 17cm/2", ss
- * Operating knife solid handle, 17cm/1", ss
- * Esmarch bandage scissors, 20cm heavy duty, ss
- * Dressing forceps 18cm cross serrated, ss
- * Dressing forceps 20cm str serrated ss
- * Probe grooved directors 14cm, ss
- * Partsch mallets 18cm, 22mm dia, ss
- * Probe 14 cm
- * Lucas chisel 16cm, 4mm
- * Wooden case
- * Spare blade for saw

We are Manufacturer, Exporters and Suppliers of Post Mortem Set at



Details:

- Automatic External Calibration
- Multifunction Weighing Units
- A built in under hook for below weighing
- Easy to read VFD Display
- Density measurement (Optional)
- Standard RS 232 C Interface
- High Resolution, Quick Weighing, Accurate Result
- Based on E.M.F.C. Technology
- S.S. Weighing Pan, Level Indicator, Adjustable Fit
- Tare range upto max. Capacity of the Balance
- Counting Weighing Mode

Material

Stainless Steel

Color

Gray

Power Source

Electric

Display

Digital

Laboratory Equipment

Our organization is counted among the leading traders and suppliers of premium quality **Laboratory Equipment**. The offered equipment is manufactured at our vendor's end in compliance with industry set norms and parameters using best quality raw materials.

Offered equipment is appreciated for its quick weighing, accurate result and high resolution.

Features:

- Quick weighing
- Accurate result
- High resolution

Details:


- Automatic External Calibration
- Multifunction Weighing Units
- A built in under hook for below weighing
- Easy to read VFD Display
- Density measurement (Optional)
- Standard RS 232 C Interface

Ped.

अभिजात चिकित्सा
PEDIATRIC

Equipment Specifications for Laminar Air Flow

1. Description of Function.			
SI	Name	Technical Specs quoted by bidder	Bidders Deviation if any
1.1	Laminar Airflow	Laminar Airflow is required to make available an environment whose air supply is free of bacteria, fungi, pollen, and practically all air-borne dirt.	
2. Operational Requirements			
SI	Name	Technical Specs quoted by bidder	Bidders Deviation if any
2.1	The basic equipment shall consist of a HEPA filter, pre filter, suitable blower assembly, necessary lighting, indicators and controls for the cabinet. The equipment should be mounted on a stand with leveling feet.		
3. Technical Specifications			
SI	Name	Technical Specs quoted by bidder	Bidders Deviation if any
3.1	Type of Flow: Vertical - Re-circulatory		
3.2	HEPA FILTER : Face dimensions: 4ft (L) X 2ft (W) X 6 ft The HEPA filter should have rated efficiency of 99.97% (or better) at 0.3 microns to provide product protection of Class 100 or exceeding Class 100 requirements of Federal Standards 209E or equivalent ISO within the work. Area		
3.3	PRE Filter with Synthetic, non-woven polyester fibers having casing of name/painted CRCA frame with Retention of 10 - 15 Micron and 90 % Efficiency. Washable with an arrestance of 90% or better		
3.4	Material of construction: Main body and rear panel: Electro-galvanized steel/ Mild Steel, oven baked epoxy powder coated finish. Side window (panels): UV stabilized transparent Perspex or polycarbonate. Worktable (surface): SS304 or SS316		
3.5	Working area should be 24 cuft.		
3.6	Blower Assembly: DIDW type blower system with high RPM motor, enclosed in an powder coated MS casing suitably suspended in a pair springs & connected to the filter chamber through flexible canvas duct.		


 Director
 सत्यम विद्यापीठ, अहमदाबाद, गुजरात

Version no.:

13.0

Date:

26/2/2015

Done by: (name / Institution)

HCT/ NHSRC

GMDN name
GMDN code(s)

Infant warmer

CT1452

NAME AND CODING

GENERAL

1.1 Clinical purpose

Infant Radiant warmer is an electrically powered device with a radiant heating source intended to maintain the thermal balance of an infant by direct radiant of energy in the infra-red region of the electromagnetic spectrum.

1.2 Used by clinical department/
ward

Neonatal ICU/ SNCU

TECHNICAL

2. TECHNICAL CHARACTERISTICS

2.1 Technical characteristics
(specific to this type of device)

1. It should be microcontroller based radiant warmer with manual and servo options.
2. It should have facility to display skin set, skin observed temperature in degree C and heat power separately.
3. Should have user friendly touch panel control.
4. It should have ceramic or quartz infrared or calrod heater.
5. It should have audiovisual alarm facility for overheating beyond set temperature range.
6. It should have alarm facility for patient temperature less than or greater than the required temperature i.e. above or below the set range. Machine should sense the skin probe failure and cut off the heater.
7. Warmer head should be rotatable in different direction, so as to allow taking X-ray.
8. It should have alarm for probe failure, power failure, system failure and heater failure.
9. Observation light of 90 to 100 foot candles or 1000 Lux (color temperature range 3700K to 5100K) should be provided for inspection
10. Battery back up for Power failure indication during power fail.
11. The desired temperature range from 25 to 40 degree C and settable temperature can be from 32 to 38 degC.
12. The resolution should be 0.1 degree C and accuracy should be 0.2 °C.
- 13 Should have a facility to lock the keyboard to avoid unwanted user modification of the set parameters.
14. The height of the warmer should be adjustable for different types of bed.

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01/08/2018

TECHNICAL SPECIFICATIONS : FOGGER FUMIGATION MACHINE

The fogging machine should have the following features:

- 1- Light Weight , portable & extremely user friendly.
- 2- It should be equipped with superior quality VAC motors, non rotating vortex design nozzle assembly & precision flow metering valves.
- 3- Machine should be highly versatile & Ideal equipment to dispense wide range of chemical solutions like disinfectants, fungicides, germicides etc.
- 4- Power supply 220V AC, 50 or 60 HZ 5- It should have rugged design power head housing & 5 liter chemical solution tank from corrosion resistant HDPE plastic.
- 6- Size of aerosol should be submicron.
- 7- Nozzle assembly should be Non clogging design-Stain Steel needle non reactive Eng. Plastic.
- 8- Can treat 15000 cuft or larger space within few minutes.
- 9- It should spread to 50 ft. distance and reach to 25 ft. height.
- 10- Auto switch off timer in separate box 0 to 60 minutes.
- 11- Silicon tubing complies to FDA and USP class VI.
- 12- Machine should be CE certified and SSI registered
- 13- It should have rugged design power head housing & 5 liter chemical solution tank from corrosion resistant HDPE plastic.
- 14- 05 Year Guaranty.
- 15- If Required the serving person should attend call for repairing in 48 Hour.
- 16 - AMC & CmC will be applicable as per government Rules.

PROFIT

AMOUNT

500

PHOTOTHERAPY

Version no.: 3.0
 Date: 26/2/2015
 Done by: (name / institution) HCT/ NHSRC

NAME AND CODING
 GMDN name Phototherapy units/systems
 GMDN code(s) CT 2066

GENERAL

1. USE:
- 1.1 Clinical purpose Emits in the main radiation spectrum in the range between 400 nm and 550 nm for reducing the concentration of Bilirubin
 New born stabilisation unit, SNCU
 - 1.2 Used by clinical department/ward
 - 1.3 Overview of functional requirements
 - a) Provides filtered light using radiant electric lights, not fibreoptics.
 - b) Infant supported securely in bassinette below bulbs.
 - c) Monitors hours of radiant light exposure.

TECHNICAL

2. TECHNICAL CHARACTERISTICS

- 2.1 Technical characteristics (specific to this type of device)
 1. Phototherapy should be based on LED technology, which after filtering should provide, a light of wavelength approximately 450 to 470 nm with peak wavelength of 450-460nm range.
 2. Irradiance to be minimum 35 $\mu\text{W}/\text{cm}^2/\text{nm}$ at 40 cm height and UV should not exceed 10-4 W/m^2 in 180nm to 400nm.
 3. Digital Hour meter showing total exposure time for current patient to be clearly visible by operator.
 4. Effective light field >700 cm².
 5. Lamp life should be minimum 20000 hours for LED and should have timer to indicate its usage.
 6. Over temperature safety cut out to be included.
 7. Up, down and tilting of head should be possible.
 8. The unit should be mounted with castor wheels with brakes.
 9. Variation in Intensity over 5-6 hours < 10%.
 10. The Irradiance ratio (min to max) shall be greater than 40 % on mattress.
 11. Green indicator light shall be provided to indicate that equipment is ready for normal use.
 12. Interruption and a restoration of the power supply do not change preset values. LED heat can be reduced by natural cooling.
 13. LED should be protected from free fall.
 14. It should not topple on 10 deg inclined angle.
 15. The temperature of baby bed and metal surfaces should not exceed 40deg C and 43 deg C for other accessible surfaces.

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Specifications

Department of Pediatrics
 S. R. T. R. Medical College
 Ambalogeni, Dist. Beed.

Applications	Preg, during and post phototherapy
Intended use	27-42 weeks
Operational age	0-20 days
Post-natal age	950-4,995 grams
patient weight range	0-20 mg/dL
Total serum bilirubin range	0-340 μmol/L
Accuracy (RMSE)	± 15 mg/dL at 56% of the time or one sigma
	± 26 μmol/L at 66% of the time or one sigma
Repeatability (SD)	± 0.66 mg/dL
Correlation	± 11.3 μmol/L
Correlation	r = 0.90
BilliChek hand-held unit	
Dimensions	5.23 cm W x 20.45 cm L x 5.94 cm H (2.06 in W x 8.05 in L x 2.34 in H)
Weight (with battery pack)	250 g (9 oz)

Battery pack	
Type	Lithium ion
Voltage	3.7 V
Expected battery life (minimum)	One year
Recharge time (maximum)	Eight hours
Measurements with a fully charged battery	2000 storage measurements
Charger base	
Dimensions	9.14 cm W x 9.01 cm L x 4.30 cm H (3.60 in W x 3.54 in L x 1.69 in H)
Weight (with battery pack)	140 g (5 oz)
Power supply	
Input	100-240 VAC, 50/60 Hz, 1.4 A
Output	5 V DC, 2.0 A
Connectivity	
Ethernet specification	10 baseT half duplex

Ordering information

Product #	Description	Quantity per case	12NC #
1067554	BilliChek system with wall-mount power supply (North America only)	1	989805644871
1067561	BilliChek system with desktop power supply (North America only)	1	989805644881
1037632	BilliChek advanced system	1	989805605031
1058220	BilliChek 2 med power supply with wall-mount power supply	1	989805605931
1058221	BilliChek 2 med power supply with desktop power supply	1	989805605941
1062275	BilliChek manual (languages Eng, FR, DE, IT, ES, PT)	1	989805622461
1062276	BilliChek manual (languages DA, NL, FI, SV, NO)	1	989805622471
1099142	BilliChek manual (languages CS, FI, KZ, TW, PL, RU, TR, PT, IT)	1	989805644411
1034448	BilliChek manual (languages HU, LT, RO, KO, ID, CN)	1	989805646001
B800-50	BilliCal - BilliChek disposable calibration tip	1 (50 pack)	989805607841
B800-11	BilliEclipse phototherapy patch	1 (50 pack)	989805607751

* Instrument-to-instrument retraceability

** Specify country-specific power cord in ordering

1. Altmeyer L, Moller and child integrative developmental care model: A simple approach to a complex system. *Neurosci Nurs*. 2011; 11(3):105-108
2. Subcommittee on hyperbilirubinemia by the American Academy of Pediatrics. Management of hyperbilirubinemia in the newborn infant 35 or more weeks of gestation. *Pediatrics*. 2004; 114(1):297-316.

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www.philips.com/amblyopia
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Suction Machine

Department of Anesthesiology
Department of Medical College
S. Ramakrishna, B. S. Reddy,
Ambulipet.

Version no.: 1.0
 Date: SEPT 2014
 Done by: (name/institution) ICT/NHSRC
 NAME AND CODING
 GMDN name Suction systems
 GMDN code ICT1272

GENERAL

- 1. USE**
- 1.1 Clinical purpose To aspirate fluids, secretions, or other foreign materials from a patient's airway by means of suction.
 - 1.2 Used by clinical department/ward NICU & PICU

TECHNICAL

- 2. TECHNICAL CHARACTERISTICS**
- 2.1 Technical characteristics (specific to this type of device) 0 to -760 mm Hg \pm 10 regulable, 1/2 HP, single phase 1440 RPM motor; flutter free vacuum control knob; Wide mouthed 2 x 2 LITRE (light weight, unbreakable and clear) with self sealing bungs and mechanical over flow safety device.
 - 2.2 Settings Manual
 - 2.3 User's interface Manual
 - 2.4 Software and/or standard of communication (where ever required) NA

3. PHYSICAL CHARACTERISTICS

- 3.1 Dimensions (metric) Max: 43 x 30 x 68 cms
- 3.2 Weight (lbs, kg) Max: 27Kg
- 3.3 Configuration NA
- 3.4 Noise (in dBA) 50 dB A \pm 3
- 3.5 heat dissipation Should maintain upto 36.5 deg temp and the heat disbursed through a exhaust fan
- 3.6 Mobility, portability Yes

4. ENERGY SOURCE (electricity, UPS, solar, gas, water, CO₂)

- 4.1 Power Requirements 220 V, 50 Hz, 2 \pm 0.5 Amps, 370 watts for AC
- 4.2 Battery operated NA
- 4.3 Tolerance (to variations, shutdowns) Voltage corrector/stabilizer to allow operation at \pm 30% of local rated voltage. Use of SMPS to correct voltage.
- 4.4 Protection Electrical protection by resettable overcurrent breakers or replaceable fuses, fitted in both live and neutral lines.

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Department of Medical College
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Ambulipet.

Coagu- Check Machine & Multistrips

PECIFICATIONS

- Clotting Assays, Light Scatter Clotting (Hoffmeyer), Immunologic Thromboplastin (PT) Assay
 - PT, APTT, FIB, Intrinsic and Extrinsic Factor Assays, LA, PS and D Dimer, programmable
 - One
 - Large Graphical touch screen display
 - 5 Positions for installation of single reaction cup only
 - 5 Positions (4 cups and 1 bottle with programmable storage, optional)
 - Built-in Graphic Thermal Printer
 - Seconds, %, INR, mg/dl g/dl ratio, etc
 - Yes
 - 6 point Multi-standard Graph on display on print
 - 17-32 Degrees Celsius, Max. 80% RH, non-condensing
 - QC with L-J graph
 - 100-250V ~47-63Hz, 150VA
 - USB port; Pen Drive / LIS compatible software upgradable
 - Microprocessor based
 - >250 results with coagulation Curve
 - Cuvette usage and reagent lot and expiry management
 - 150VA or less
 - 216 x 205 x 75 mm, 0.9kg
- *Specifications are subject to change without notice

ERBA COAGULATION REAGENTS

Erba Protine LS	Erba Factor Deficient Plasma	Erba D Dimer R
Erba Actline	Erba LA1 Screen	Erba Start-Stop Clotting
Erba Calcium Chloride	Erba LA2 Confirm	Erba Control N/P
Erba Thrombin Reagent	Erba LA Control (High)	Erba Control N/P Plus
Erba Thrombin Time	Erba Protein C Clotting	Erba Control

Department of Statistics
A. R. T. R. Medical College
Bijapur, Dist. Bead.

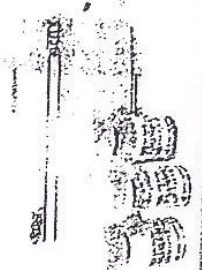
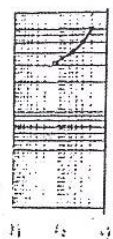
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Ref. 2: 1.33 INR



CALIBRATION CHART:
FIBRINOGEN



CALIBRATION CHART:
Factor VIII



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Neonatal Aqua Monitor

Department of Pediatrics
L. R. K. Medical College
Ambalavayal, Dist. Rerid.

Light touch screen and portable MultiPara Monitor (8 inch TFT Display) (5 Para) features high resolution display and is suitable for Arrhythmia analysis and S-T segment analysis in neonatal, paediatric and adult patients. Further, this features 72 hours graphic and tabular trends of all parameters on the touch screen monitor with great level of accuracy.

Parameters : ECG, SPO2, NIBP, RESP, 2-TEMP, PR

Product Features:

- Alarm Yes, audible and visual alarm, alarm events review
- High resolution 8" color TFT display
- Lightweight, compact and portable
- ECG, SPO2, NIBP, RESP, 2-TEMP, PR
- Built-in rechargeable lithium battery
- ECG waveforms of 7-leads display on the same screen
- 72 hours graphic and tabular trends of all parameters
- 32 seconds full-disclosure waveform review
- 500 NIBP measurement data can be stored and recall
- Data and waveforms color can be adjustable
- Arithmetic analysis and S-T segment analysis
- Suitable for adult, pediatric and neonatal patient

Detailed Parameters specifications :

ECG:

- Lead Mode: 3-lead Or 5-lead
- Lead Selection: I, II, III, avR, avL, avF, v
- Heart rate range Adult: 15-300 bpm, pediatric Neonatal: 15-300 bpm
- ECG waveform: 2 channels
- Accuracy: ± 1 bpm or ± 1 %, Whichever is greater
- S-T segment detection: Measurement range 0.2 mv~2.0 mv
- SPO2: Measurement range: 0-100%
- Accuracy: 70-100%, ± 2 % 0-69%, unspecified

Pulse Rate:

- Range: 20-254 pm
- Accuracy: ± 3 bpm

Respiration:

- Method RA-LL impedance
- Range Adult: 0-120 rpm; pediatric/neonatal: 0-15 rpm
- Apnea alarm yes

NIBP:

- Method Oscillometry
- Modes Manual / Auto / Continuous
- Auto Measure time Adjustable
- Measurement range: 10-270 mm Hg

Temperature:

- Range: 0-50 °C
- Accuracy: ± 0.1 °C
- Channel Dual - channel

High Flow Nasal Cannula

Extending the scope of High Flow Nasal Cannulas when used with humidification, High Flow Oxygen Therapy (HFOT) increase oxygen recruitment, deliver accurate high FiO_2 and optimise mucociliary clearance, while offering improved patient comfort and ease of use.

Soft Cushioning

Flexible and gentle on the ears and face, minimising friction and pressure on delicate tissues.

Adjustable Straps

Secure and comfortable fitting without the need for a head or neck strap.

Sizing Guide

Quickly and easily select the correct size for each patient using the individual sizing guide.

Individualised Cannula Sizing

The colour coded range of seven cannula sizes provides an excellent match to the individual needs of all patient groups, from premature babies through to adults.

Secure Fit

The included adaptor provides a secure connection to both 22mm and 15mm respiratory limbs.

Comfortable Fit

Anatomically curved, large bore nasal prongs minimise any jet effect and improve patient comfort even at high flow rates.

PART NUMBER	DESCRIPTION	MAXIMUM FLOW RATE	PRONG SIZE	CAPACITY
032-13-150	High Flow Nasal Cannula	8 LPM	17	25
032-13-151	High Flow Nasal Cannula	8 LPM	17	25
032-13-152	High Flow Nasal Cannula	8 LPM	17	25
032-13-153	High Flow Nasal Cannula	8 LPM	17	25
032-12-150	High Flow Nasal Cannula	20 LPM	17	25
032-12-151	High Flow Nasal Cannula	40 LPM	17	25
032-10-150	High Flow Nasal Cannula	40 LPM	17	25



Pressure Relief Valve with Monitoring Valve
Limits back pressure to either 40 or 60 cmH₂O

- 032-12-240 Pressure Relief Valve 40cmH₂O
- 032-10-260 Pressure Relief Valve 60cmH₂O



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Laboratory Refrigerator (400 liters):

Specifications

- Capacity 400 lit.
- Temperature: 2-8 °C
- Preferably roller mounted
- Adjustable shelves
- Durable rust free exterior
- Durable unbreakable interior
- Control panel with temp. alarm, on/off switch and digital thermometer
- Interior lighting, drip tray and defrosting arrangement
- Adequate circulation of air to ensure even cooling by DUCT system
- Door with lock, inside door provided with racks, door hinges and latches should be chromium plated
- Electronic automatic temp. Control
- Operable at 220V, 50Hz
- Compressor unit to be hermetically sealed
- Should have all the accessories required for functioning of the equipment
- CE/ISI Mark or other equivalent quality certificate



Department of Microbiology
A. B. S. R. Medical College
Ambajogal.

AUTOClave (VERTICAL)

- **Operational Requirements:** Suitable for glassware, culture media and laboratory ware etc.
- **Technical Specifications:-**
 - Single door high pressure steam sterilizer with double/triple walled, steam jacket and separate boiler
 - Material of construction: Sterilizer chamber SS 316; Door SS 316; Jacket MS; Loading carriage SS 316; Transfer trolley: MS, painted; Door Gasket: Silicon or better; Insulation: fiber glass resin bonded wool or better; Insulation cover: SS sheets
 - Chamber capacity as per requirement
 - Operating temperature 121^o C - 138^o C pressure 1.1 to 2.2 kg/ cm² of steam pressure
 - Sterilizer should be provided with steam generator
 - Spring loaded safety valves and automatic vacuum breaker for jacket
 - Removable plug screen for chamber drain
 - SS baffle for even steam distribution in the chamber
 - Safety valve protection against poor pressure.
 - Safety lock for door :pressure lock safety device
 - Low water off


- **Environmental factors:**

Shall meet IEC-60601-1-2 :200(Or Equivalent BIS) General Requirements of Safety for Electromagnetic Compatibility.

- **Power Supply:**

Power input to be 220-240VAC, 50Hz,/440 V 3 Phase as appropriate and fitted with plug compatible with local sockets

- **Standards and Safety:**

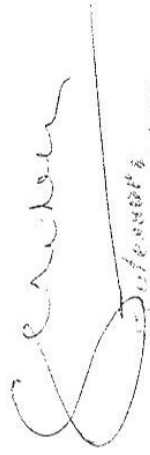

Professor
Department of Microbiology
S. R. Medical College
Guntur, Andhra Pradesh.

- ↳ Comprehensive onsite training for lab staff and support services till familiar with the system
- ↳ Electrical safety conforms to standards for electrical safety IEC-60601 / IS-13450 (BIS)
- ↳ Should be US FDA / CE certified or equivalent standard approved product.
- **Documentation:** ↳ User/Technical/Maintenance manuals to be supplied
- ↳ Certificate of calibration and inspection from factory.

Bacteriological Incubator

Specifications:

1. Incubators are sturdy double walled units of size 18 inch x 18 inch x 18 inch dimensions.
2. Inner chamber made of M.S/S.S and outer made of mild steel with power coating
3. Gap between the walls fitted with glass wool insulations to avoid heat loss.
4. Heating elements are made of high grade chrome plated nichrome wire
5. Temp. is controlled by thermostat
6. Temp. range from 5°C above ambient to 60°C and accuracy (with digital accuracy $\pm 0.5^{\circ}\text{C}$)
7. Air ventilations is provided on the top of the unit to remove the hot gases/fumes
8. In lab type incubators heaters are placed in the bottom side of the unit.
9. All the control switches and pilot lamps are fitted on the front panel
10. Trays should be supplied with G.I wire mesh
11. Air circulation fan for uniform temp.



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S. R. E. Medical College
Ambalgaol.

HOT AIR OVEN


- Should be Microprocessor based digitally controlled equipment suitable for daily usage
- Should have double walled construction, special high quality insulated steel.
- Facility for adjustable shelves, 10 removable shelves to be provided.
- Size of inner chamber approx 55x55x70 cm with internal lighting facility
- Insulated door fitted with heavy hinges, mechanical door lock.
- Temperature range 30-250o C, digitally temperature setting accuracy
- Separate PT 100 sensor and display for temperature (LCD).
- Forced uniform air circulation, Digital safety thermostat.
- Delayed start and stop function, high quality heating element
- Supplied with cord & plug, operate at 220V/50 Hz AC supply
- List of users and Satisfactory Report of quoted model from reputed institute / hospital
- Should have all the accessories required for the functioning of the equipment.
- FDA/ CE certified or other equivalent quality certification.
- All electrical peripherals required for smooth functioning e.g. voltage stabilizer provided with the equipment
- There should be provision for demonstration before final approval of equipment



Professor
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T. R. Medhekar College
Mumbai

**Table Top Micro centrifuge with 2.0 ml tube rotor
(Microspin / minispin: Small equipment)**

Max.RCF	14100 X g
Max Speed	14500 rpm
Speed	800-14500rpm
Max capacity	12 X 1.5/2.0 ml
Rotors available	2
Acceleration Time	13s
Deceleration time	12s
Display	Large LCD
Timer min, with continuous run function	15s to 99
Noise level	< 52 Db(A)
Volume Range	24 ml
Power supply	230V, 50-60 Hz
Max power consumption	70W
Dimensions(W x D x H)	22.5 x 23 x 13.0 cm
Height(with open lid)	25 cm
Weight w/o accessories	3.7 kg
Cooler	Non refrigerated


Professor
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S. R. E. R. Medical College
Lalasa

HiLoop Electric Steriliser Without flame.

- The electrical sterilization system with temperature indicating controller.
- HiLoop Electric Steriliser is most suitable for the sterilization of inoculation loops, needles and instruments.
- It is ideal for laboratories and safety cabinets where the use of gases and open flames is not permitted.



Prof. Dr. S. S. Mahajan
Department of Microbiology
J. J. M. Medical College
Aurangabad

Floor mopping machine

- Voltage frequency: 220-230 VAC/50 Hz
- Brush size: 18 inches
- Water sucker: 770mm
- Brush border: 455mm
- Rolling motor: 220-230V/1000W
- Brush rotation speed: 148rpm/min
- Cleaning width: 455 mm
- Brush pressure: 30 kg
- Cleaning water tank capacity: 35 L
- Dirty water tank capacity: 32L
- Cleaning rate: 1860m²/h
- Cable: 18m
- Weight: 75 kg



Professor,
Department of Microbiology
S. E. R. Medical College
Ambajogal.

UV Light

Material: ABS & Tube quartz

Rated Power: 36 W

Rated voltage: 230 V AC

Wireless timer

Rated Frequency: 50 hz

Sterilizing Factor : Ultra violet light 280 nm

Efective area: 30 m² to 40 m²

Size: 80 X55 X390 mm


Weight: 1.25 kg



Professor
Department of Microbiology
T. R. Medical College
Ambalioal.

Name of Instrument : PULSE OXIMETER
Technical Specification

1. Compact portable bedside pulse oximeter with minimum 4 inch and above, multicolor TFT LCD display.
2. Continuous monitoring of SpO₂ (arterial blood oxygen saturation), pulse rate and signal strength
3. Should have manual selection of adult, pediatric and neonatal mode.
4. Measuring Range:
 - a. SpO₂: 1 to 100%
 - b. Pulse Rate: 25 to 250 bpm
 - c. Pulse Amplitude: 0.03% to 20%
5. Accuracy SpO₂ for Adult, Pediatric & Neonate – 70% to 100% (± 2 digits) & 60% to 69% (± 3 digits)
6. Display Shows: SpO₂ (%), PR (HR in bpm), Plethysmographic Waveform, Pulse amplitude with visual indicators for pulse search, audible alarms silenced or off, interference indicator, battery charging and Alarm management settings
7. Multicolor display screen with ideal contrast for easy readability
8. Should offer accurate and reliable performance in monitoring conditions of low perfusion and signal interference. It must show SpO₂ value for low perfusion patients with accuracy – 70% to 100% (± 2 digits)
9. Should have wide range of sensors including forehead sensor for more effective monitoring option in low perfusion patients
10. Tenderer should have wide range of sensors for Adult, Pediatric, Neonatal and premature patient types separately for adhesive and Velcro type disposable sensors to accommodate diverse patient sizes, weights and needs.
11. Sensor Event Report, allowing patient alarm events to be recorded on sensors for memory back up of 80 hours or more.
12. Power Requirement: 100 to 240V, 50/60Hz and internal re-chargeable battery with 5 hours battery back-up
13. It should be European CE and US FDA approved for device and sensors.
14. Should be certified for CCHD Screening & motion artifact by USFDA.
15. It should be light weight of less than 2kg and size not above 84Hx260Wx170D (mm)
16. It should comply with EN IEC 60601 standard
17. User preset of high/low alarm on SpO₂ and PR monitoring
18. Audio visual alarm for SpO₂ and PR in case measurements are outside preset range with alarm silence feature
19. Should have Satseconds alarm management system to reduce the unwanted alarms which disturbs the sick patients.
20. Automatic switch from mains to batteries in case of power failure
21. Should have USB port for download and software up-gradation



प्राध्यापक व विशाल प्रमुख


बहिरीकण्ठशास्त्र विभाग

स्वा.स.ती.मा.शा.वै. महविद्यालय, अनाजोरीई

Name of Instrument :Fogger machine

Technical Specification

- Compatible with all types of water based disinfectants including acidic, alkaline, oxidizing, quaternary ammonium based, peroxide and silver nitrate combination.
- Produce nearly invisible droplets of particle size 0.1 -10 microns.
- Suitable for 100 ~ 1,000 square feet area.
- Made of corrosion proof, durable body made of heavy duty nylon material.
- SS316 made nozzle pin
- Have an integrated air intake filter.
- Should have an integrated reservoir filter.
- The tank should be >6lit volume .
- Disinfectant Level should be visible in the tank .
- Timer of 0~60 minutes should be integrated with the fogger body.


निदेशक, कृषि विभाग
राजस्थान सरकार
जयपुर

Material Aluminium
Color Multi
Model Number VT-0876
Ideal in New Only

Product Specification

Usage/Application Educational
Brand VTECH
Material Aluminium
Color Multi
Model Number VT-0876
Ideal in New Only
Packing Type BOX
Minimum Order Quantity 1 Piece

ANATOMY

Bellstone Plastic Digital Vernier Caliper 150 mm BO-35E

Price : 1064/-

Key Features :

- Range : 0~150mm
- Resolution : 0.1mm
- Repeatability : 0.1mm
- Operating Temperature : 0°C~40°C
- Storage Temperature : -10 °C~60 °C

Buy Bellstone Plastic Digital Vernier Caliper 150 mm BO-35E online in India at wholesale rates. If you have been looking for Bellstone Plastic Digital Vernier Caliper 150 mm BO-35E dealers, your search ends here as you can get the best Bellstone Plastic Digital Vernier Caliper 150 mm BO-35E distributors in top cities such as Delhi NCR, Mumbai, Chennai, Bengaluru, Kolkata, Chennai, Pune, Jaipur, Hyderabad and Ahmedabad. You can purchase Bellstone Plastic Digital Vernier Caliper 150 mm BO-35E of the finest quality and rest assured to get the best in terms of both durability and performance. If you are bothered about the Bellstone Plastic Digital Vernier Caliper 150 mm BO-35E prices, you can be totally sure to get the best rates as industrybuying brings you genuine Bellstone Plastic Digital Vernier Caliper 150 mm BO-35E rates and quality assured products only from the best of brands with exclusive brand discounts you won't find anywhere else. Procure Bellstone Plastic Digital Vernier Caliper 150 mm BO-35E today and avail the best offers on your purchase.

SKU

: TES.VER.51156817

Model No

: BO-35E

Type of Product

: Plastic Digital Vernier Caliper

Part No.

: 3220

Size

: 150 mm

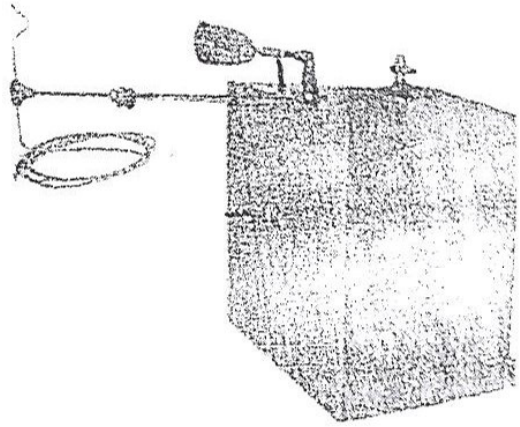
Frequency: 50 Hz

Application: Hospital

Brand: Radical

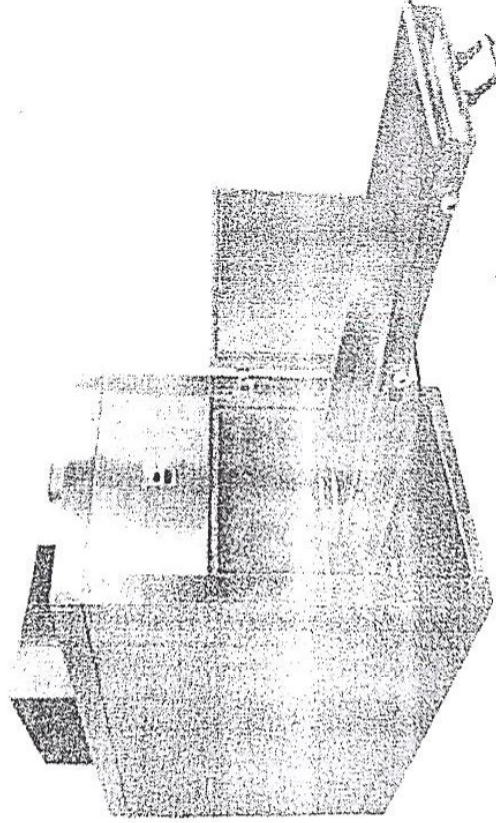
Model: RSTI-130

Voltage: 220 V



Power Source
Material
Frequency Hz
Brand
Usage/Application
Features

Electric
SS
50 Hz
G.B.
Hospital
Micro processor Temperature Controller



Product Specification

Power Source

Electric

Material

SS

Frequency Hz

50 Hz

Features

Micro processor Temperature Controller.

Compressor

1.5 HP

Temperature Deg Celsius

-4 to -10 degree C

Number Of Cabinet

1

Voltage V

240 V

Product Description

Being a noteworthy enterprise of this industry, we are offering a wide spectrum of **Single Body Mortuary Cabinets**. Our mortuary cabinet is designed from the high grade components & latest techniques keeping in mind the standard of market. Furthermore, the offered mortuary cabinet has reliable refrigeration to minimize noise and vibration & air cooling system. Our provided mortuary cabinet can be availed from us at industry leading prices.

Features:

- Optimum performance
- Rigid construction
- Durable finish

Specifications:

- Roll up and Roll down SS drawers
- Hermetically sealed refrigeration compressor and reliable refrigeration to minimize noise and vibration & air cooling system
- The PUF is foamed in thereby ensuring faster & longer temperature retention
- Uses Heavy Duty Refrigeration systems for faster & efficient cooling

"Technology LCD

Native Resolution 1280 x 800 (WXGA)

Brightness (Lumens) 3400

Optical Zoom No

If Yes, Optical Zoom (%) NA

If Yes, Type of Projector Short Throw (0.41 to 0.9)

Type of Light Source UHP / UHE / UHM

Minimum Life of Light Source (In Normal Mode) (Hours) 5000

On Site OEM Warranty for Light Source (Time or Life in Hours whichever is earlier) 1 Year or 1000

Hrs.

On Site OEM Warranty 2

Model No: EB-536Wi"

"Ports And Connectivity

Number of HDMI In Port 1

Number of HDMI Out Port 0

Number of DVI Port 0

Analog RGB In Port (Hours) Yes

Analog RGB Out Port Yes

HD Base T No

Audio In Yes

Audio Out Yes

Video In Yes

Storage Media Port No

if Yes, Supported File Formats NA

Number of USB Type A 1

Number of USB Type B 1

Number of USB Type C 0

Wi Fi Connectivity No

Wireless Screen Share No
LAN Connectivity Yes
Technical Specifications
Technology LCD
Projection Method Front and Rear both
Native Resolution 1280 x 800 (WXGA)
Brightness (Lumens) 3400
Contrast Ratio (Minimum) (pixels) (X : 1) 15000
Optical Zoom No
If Yes, Optical Zoom (%) NA
Availability of Lens Yes
Remotely Controlled Yes
If Yes, Type of Projector Short Throw (0.4:1 to 0.9)
Aspect Ratio 16:10
Keystone Correction Automatic & Manual Both
Type of Light Source UHP / UHE / UHM
Minimum Life of Light Source (In Normal Mode) (Hours) 5000
Lamp Hour Counter (In-Built) Yes
Inbuilt Speaker Yes
If Yes, Wattage of Speaker 16
3D Projection Capability No
Interactive Feature Yes
Power Consumption in Sleep Mode (Watts) 2
Power Consumption in Normal Mode (Watt) 298
Noise Level in Echo Mode (dB) 29
Noise Level in Normal Mode (dB) 37
Power Supply 210V-240V, 50 Hz
Battery No
If Yes, Minimum Battery Capacity (mAH) NA
If Yes, Battery Backup Time (Hour) NA
Certifications
BIS Registration under CRS of Meity Yes
BIS Registration Number R-41004898
Generic
Dimensions (Length x Breadth x Height) (mm x mm x mm) 314.5 x 344 x 94 mm
Weight (Kg) 3.9
Minimum Operating Temperature (Degree C) -5
Maximum Operating Temperature (Degree C) 35
Minimum Operating Humidity (% RH) 20
Maximum Operating Humidity (% RH) 80
Warranty
On Site OEM Warranty for Light Source (Time or Life in Hours whichever is earlier) 1 Year or 1000
Hrs.
On Site OEM Warranty 2"

Having Features -

High level 12 lead ECG Analysis for 200 clinical findings & 5 judgemental categories (Interpretation Software)

12 lead ECG Simultaneous display

Small Size & light weight (1.5Kg)

Recording on thermal paper 63mm 1 minute rhythm recording

Upto 40 ECGs can be stored internally & 3000 ECGs on 64MB SD card. With SD card one can review the stored ECG

AC & Battery operated. 2 hrs battery operation.

Monochrome backlight LCD display 4.8 inches

Printing Density 200 dpi

Including Following standard accessories :-

- 1 Recording paper
- 2 Thermal head Cleaner
- 3 ECG cable & Leads

- Having features -
- 10.4-inch Color TFT display with 5 waveforms
- Touch panel monitor control
- 7 parameters: ECG, RESP, SpO2, NIBP, Temp . Upgradeable to IBP/EtCO2
- Selectable screen layout with Enlarged numeric screen
- Powerful review with easy access to historical data
- Full Disclosure Up to 120 hours full disclosure of 1 wave Onscreen operation guide
- PWTT Triggered NIBP Measurement (N.K patented)
- Highly Accurate arrhyth detection, ec1 arrhyth analysis
- 3 hours of continuous monitoring on battery power
- Including Following standard accessories : - Electrode
- 1 lead 3 elec,clip,-1No
- 2 LCC Connection cord-1No
- 3 SpO2 connection cord,-1No & SpO2 probe
- 4 Air Hose for NIBP, -1 No
- 5 NIBP cuff- Adult
Battery
- EtCO2- Mainstream for intubated & non intubated Optional
IBP cable

TECHNICAL SPECIFICATIONS FOR ELECTRONIC TOURNIQUET SYSTEM-SINGLE CUFF

1. Electronic Tourniquet System should be for single cuff operation, independent and with reliable control on pressure with present resolution of 10mm Hg.
2. The system should have micro computerized cuff pressure control.
3. The inflation air Source should be internal Air compressor.
4. Cuff pressure should be adjustable from 100 to 600 mm hg. With accuracy of +/- 5%
5. Display should have 3 digit – Pre. Selected Pressure, 3 digits Clock – Elapsed time and large alphanumeric LCD display.
6. The Clock elapsed time counter should be 0.00 to 3.00 hours and should reset at deflate mode.
7. It should give alarms on following conditions :
 - o Cuff pressure is out of range for more than 30 sec. after initial start.
 - o Cuff pressure is out of range for more than 11 sec. during operation.
 - o After elapsed time if 30 min. and every 30 min. thereafter.
 - o In Deflate mode – cuff pressure does not show 20 mm Hg or less after 15 sec.
 - o 3 Beeps-9 min. prior to set time and at set time.
 - o General control system failure.
8. Power consumption should be 140 Q, 230 VAC.
9. The system should have on – line operation Guidelines as tool in feature.
10. The system should not give up pressure on power failure and pressure memory should be saved during power failure.
11. Cuff supplied should be of fabric cuff with Silicon Bladder, washable at 60 Deg.
12. The product must be 'CE' marked and must have passed through EN 60601-J & EN 60601-2 certification in confirmation to this must be attached to the technical bid.

Product Description :

Single Cuff Operating Room Electronic Tourniquet : 1 No.

Along with cuffs as follows :

1. Tourniquet cuff for child 5 x 30 cm
2. Tourniquet cuff for Standard Arm 7 x 35cm
3. Tourniquet cuff for Standard Leg 10 x 61 cm
4. Tourniquet cuff for Long Arm 7 x 46 cm
5. Tourniquet cuff for Long Leg 10 x 76 cm

Battery Backup should be available in the system




Professor in Orthodontics
Swamy Ramnand Teerth Rural
Medical College, Ambajoggi

Name of Instrument : PULSE OXIMETER


Technical Specification

1. Compact portable bedside pulse oximeter with minimum 4 inch and above, multicolor TFT LCD display.
2. Continuous monitoring of SpO2 (arterial blood oxygen saturation), pulse rate and signal strength
3. Should have manual selection of adult, pediatric and neonatal mode.
4. Measuring Range:
 - a. SpO2: 1 to 100%
 - b. Pulse Rate: 25 to 250 bpm
 - c. Pulse Amplitude: 0.03% to 20%
5. Accuracy SpO2 for Adult, Pediatric & Neonate – 70% to 100% (± 2 digits) & 60% to 69% (± 3 digits)
6. Display Shows: SpO2 (%), PR (HR in bpm), Plethysmographic Waveform, Pulse amplitude with visual indicators for pulse search, audible alarms silenced or off, interference indicator, battery charging and Alarm management settings
7. Multicolor display screen with ideal contrast for easy readability
8. Should offer accurate and reliable performance in monitoring conditions of low perfusion and signal interference. It must show SpO2 value for low perfusion patients with accuracy – 70% to 100% (± 2 digits)
9. Should have wide range of sensors including forehead sensor for more effective monitoring option in low perfusion patients
10. Tenderer should have wide range of sensors for Adult, Pediatric, Neonatal and premature patient types separately for adhesive and Velcro type disposable sensors to accommodate diverse patient sizes, weights and needs.
11. Sensor Event Report, allowing patient alarm events to be recorded on sensors for memory back up of 80 hours or more.
12. Power Requirements: 100 to 240V, 50/60Hz and internal re-chargeable battery with 5 hours battery back-up
13. It should be European CE and US FDA approved for device and sensors.
14. Should be certified for LCHD Screening & motion artifact by USFDA.
15. It should be light weight of less than 2kg and size not above 84Hx260Wx170D (mm)
16. It should comply with EN IEC 60601 standard
17. User preset of high/low alarm on SpO2 and PR monitoring
18. Audio visual alarm for SpO2 and PR in case measurements are outside preset range with alarm silence feature
19. Should have Satseconds alarm management system to reduce the unwanted alarms which disturbs the sick patients.
20. Automatic switch from mains to batteries in case of power failure
21. Should have USB port for download and software-up-gradation


 प्राध्यापक व विभागप्रमुख
 स्ना-रोग व प्रसूतीशास्त्र विभाग
 स्ना.रा.ती.शा.ने.महाविद्यालय, अंबाजोगाई

Name of Instrument : Multipara Monitor With ETCO2
Technical Specification

1. The monitor should have adult, paediatric and neonatal applications and should be user friendly.
2. It should be capable of monitoring ECG, non-invasive blood pressure, oxygen saturation (SpO2) and Respiration, dual IBP & ETCO2. Should be future upgradeable to CO, CO2, BIS & EEG waveforms. Display of waveform as well as the numbers should be clearly visible from a distance of up to 6-10 feet.
3. The monitor should be modular in design with colour touch screen of minimum 15" in size with coloured waveforms. Display of waveform as well as the numbers should be clearly visible from a distance of up to 6-10 feet.
4. The Touchscreen should be full touchscreen and not touch buttons.
5. The modules should be freely exchangeable for same make of monitors.
6. The monitor should display at least 8 curves at a given time and the operator should be able to arrange curves, graphics and measured value fields as desired on the screen. The operator should be able to freeze the waveforms as well.
7. Monitor should have Emergency Transport module wherein it can be used during patient transfer and can be plugged into main unit again.
8. Emergency module should have graphical color TFT touchscreen Display of at least 5.5" which can display waveforms of ECG, SpO2, ETCO2 & 2 IBP And display parameters of NIBP, Respiration & dual Temp
9. The Emergency Transport Module should be able to display 12 lead ECG on the screen at a time.
10. Emergency module should have rechargeable battery built-in for at least 240 minutes.
11. Emergency transport module when used for transport should have direct wi fi connectivity to wi fi Central station and not through monitor only.
12. Monitor should have facility to view other beds data on the screen
13. The Main (base) monitor also should have Wi Fi connection with central station.
14. It should have a facility of data storage for at least 72 hours of trended parameters and should also have graphical & tabular trends.
15. Should have a facility to deactivate all the alarms if necessary.
16. The monitor should have full disclosure of at least 4 waveforms
17. The monitor should have Following software's Hemodynamic Calculation, ST Analysis, Drug dose calculation
18. The main unit should have rechargeable battery with operating time of at least 90 minutes
19. The unit should have drug dose calculation, Oxygenation & ventilation calculation packages with connection facility to Standrad make ventilators
20. The unit should be European CE (Notified Body) or US FDA approved. The certificates for the same should be submitted with the offer, without which offer is liable to be rejected.
21. The monitor should be HL7 compatible ECG monitoring: Essential specifications
22. Available leads: I, II, III, V, AVR, AVL, AVF, V
23. Should display one or all the selected leads at a time
24. Accuracy of ± 2 beat / min.
25. Should efficiently filter out the electrical disturbances.
26. Should have ST segment analysis.
27. Should have arrhythmia monitoring facility for more than 20 arrhythmias
28. Should have user selectable alarms.
29. Heart rate measuring range: 15-300 beats/min
30. Standard AHA standardized,, CE certified, ECG cable should be provided.
31. Pulse Oximeter (SpO2)
32. Should provide a digital value of the arterial oxygen saturation as well as diagnostic plethysmographic pulse waveform. SpO2 Measurement Technology should be Infrared Absorption & motion artefact tolerant from Nellcor/Massimo/ Nihon Kohden
33. Measurement range: 0 to 100%
34. User selectable upper and lower alarm limits.
35. Standard reusable pulse oximetry probes for adult, pediatric and neonatal use.


प्राध्यापक व विभागप्रमुख
स्त्री-रोग व प्रसूतीशास्त्र विभाग
एम. सी. आ. वै. मल्लविद्यालय, अंबाजोगाई

5. Should be sensitive and function accurately even at low perfusion states of low blood pressure or hypothermic conditions. It should display perfusion index in %

Respiration

- 1. Range: 0-150 rpm or more
- 2. Accuracy: +2rpm
- 3. Should have an apnea alarm

Non-invasive blood pressure

- 1. Should have Oscillometric (NIBP) monitoring:
- 2. Range: 10-300 mm Hg for adults, 10-300 for paediatric and 10-150 for neonates
- 3. Should provide over pressure protection
- 4. BP cuffs should be latex free, C. certified, washable and sterilizable, Velcro based, carrying artery symbol and indexline

5. Accessories, NIBP cuff:

- a. For Adult Thigh
- b. For arm: Large adult, Adult, Small adult, Paediatric, Neonatal

Invasive blood pressure (IBP) monitoring:

- 1. Should have 2 channels and upgradeable to 4 IBP
- 2. Should have range of -50-300
- 3. IBP overlapping facility should be available
- 4. IBP Labeling should be possible
- 5. Should display PPV/SpV

Accessories to be supplied with e

- 5 Lead ECG cable - 2 nos. Monitor :
- Adult and Paediatric SpO2 Probe with Extension - 2 nos each

- NIBP Cuffs (Adult, Paediatric & Neonate) - 2 each
- NIBP Hose - 2no

Temperature Probes - 2 nos.

- IBP Disposable Transducer- 10 nos.
- IBP Patient Cable - 2 nos.

Power cord - 1 no.

Warranty Card- 1 no.

Monitor Wall Mount Stand Socket for each Monitor

Bed Multi Parameter Central Monitoring with Wi Fi System Software with following features

- 1. System should have user friendly touchscreen
- 2. 16 bed alignments, with full screen zoom options.
- 3. Online Arrhythmia Recognition & recall facility for all arrhythmias of bedside

4. 120 Hours Heart Rate Trend

5. 120 hours data storage, retain viewal capacity.

6. Smart Alarm, Alarm Logging & Alarm queue up facility.

7. HL7 Compatible

10. Patient's Data remains stored safely even after a Power Failure'

11. All the data (Current as well as Stored) can be printed on network printer.

12. Parameters : ECG, SpO2, NIBP, Resp, ZIBP, EtCO2 & 2Temp or upgradeable to parameters as viewed on Bedside monitor

22. UPS of 600 VA

25. 24" and above High Resolution TFT Monitor

26. HP Laser Printer

27. Patient monitoring network shall use standard TCP/IP protocol and be capable of residing on hospital's network infra-structure

28. Suitable appropriate size Table for Central Station

प्रियदर्शन, अ. विभाग प्रमुख

स्था. रोग व प्रसूतीशास्त्र विभाग

अ. विभाग प्रमुख, अ. विभाग

TECHNICAL SPECIFICATION OF OT LIGHT DOUBLE DOME

- Ceiling Mounted LED O.T. Light Double Dome 5 plus 5 with Remote Control
(Hospillite Orion 5 plus 5)
- Category : LED general examination light-Medical exam or surgical headlight or headlamp in medical exam light or lamps
- Number of White LEDs – 140 nos.
- Color Temperature – 4300 Degree Kelvin
- Working Distane – 100 cm
- Length of the Power Chord – 200




प्राध्यापक व विभागप्रमुख

स्त्री-रोग व प्रसूतीशास्त्र विभाग
मन्ना.ग.ती.शा.शा.बै.महाविद्यालय, अंबाजोगाई

Name of Instrument :Fogger machine

Technical Specification

- Compatible with all types of water based disinfectants including acidic, alkaline, oxidizing, quaternary ammonium based, peroxide and silver nitrate combination.
- Produce nearly invisible droplets of particle size 0.1 -10 microns.
- Suitable for 100 ~ 1,000 square feet area.
- Made of corrosion proof, durable body made of heavy duty nylon material.
- SS316 made nozzle pin
- Have an integrated air intake filter.
- Should have an integrated reservoir filter.
- The tank should be >6Lit volume .
- Disinfectant Level should be visible in the tank .
- Timer of 0~60 minutes should be integrated with the fogger body.


प्राध्यापक, व निभागप्रमुख
स्वा-रोग व प्रसूतीशास्त्र विभाग
स्वा.ग.ती.शा.श.वै.पहलबिद्यालय,अंबाजोगाई

Technical Specifications of Colposcope

Components:

- Camera
 - Image processing unit
 - Vertical stand
- Dimension (camera & stand):
- when stand is contracted: 500 mm (l) x 500 mm (w) x 920 mm (h)
 - when stand is extended: 500 mm (l) x 500 mm (w) x 1120 mm (h)
- Weight: 8.81 lbs (4 kg)
- Camera Specifications:
- 1/4" SONY Exview HAD CCD imaging module

- Fast auto focus
- Magnification: 1 - 40x
- Optical magnification: 1 - 36x
- Circular LED group light source
- 3 grade green filter function
- S-Video output and USB 2.0 with AMD provided adapter
- Image freeze control
- Working distance: 200 - 300mm
- Field-of-View: 52° at 1X
- Depth of View: 5mm - 120mm
- Magnification and acetic acid reaction time display
- Multifunction board (direct control of magnification, focus, freeze and green filter)

Vertical Stand Specifications:

- International standard CCD interface
- Maximum height: ≤900 mm
- Adjustable: ≥150mm
- (4 or 5) 360° swivel leg casters with brakes

Image Processing Unit: includes the power supply and the image processing module to power the camera and convert analog signals

PCI/D/NEW_OBG/DPDC_PROPOSAL/08/09/DEPT_2020_21_DPDC_PROPOSAL1

स्वा-राज त् गणतंत्रास्य विभाग

स्वा.रा.ती.श.ा.बै.पह.मि.हालस, अंबाजोगाई

to digital signals so they can be output onto a monitor or to a computer device.

Viewing Monitor Minimum Requirements

- Type: Color Display
- Size: $\geq 15''$
- Horizontal Definition: $\geq 550\text{TVL}$
- Refresh Rate: $\geq 60\text{Hz}$
- Brightness: $\geq 250\text{cd/m}^2$
- Viewing Angle: $\geq 150^\circ$
- Contrast: $\geq 400:1$

Power Supply

- Input Voltage: 100-240V, 50/60Hz $\pm 1\text{Hz}$
- Input Power: 100VA Environmental Specifications: (This product

should not be placed under direct sun light)

Operation: • Temperature: 41°F - 104°F (5° - 40°)

• Relative Humidity: $\leq 80\%$

• Atmospheric pressure: 70.0kPa - 106.0kPa

Storage:

• Temperature: -4°F - 131°F (-20° - +55°)

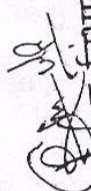
• Relative Humidity: $\leq 95\%$

• Atmospheric pressure: 50.0kPa - 106.0kPa

Name of Instrument : PULSE OXIMETER

Technical Specification

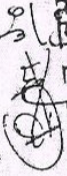
1. Compact portable bedside pulse oximeter with minimum 4 inch and above, multicolor TFT LCD display.
2. Continuous monitoring of SpO₂ (arterial blood oxygen saturation), pulse rate and signal strength
3. Should have manual selection of adult, pediatric and neonatal mode.
4. Measuring Range:
 - a. SpO₂: 1 to 100%
 - b. Pulse Rate: 25 to 250 bpm
 - c. Pulse Amplitude: 0.03% to 20%
5. Accuracy SpO₂ for Adult, Pediatric & Neonate – 70% to 100% (± 2 digits) & 60% to 69% (± 3 digits)
6. Display Shows: SpO₂ (%), PR (HR in bpm), Plethysmographic Waveform, Pulse amplitude with visual indicators for pulse search, audible alarms silenced or off, interference indicator, battery charging and Alarm management settings
7. Multicolor display screen with ideal contrast for easy readability
8. Should offer accurate and reliable performance in monitoring conditions of low perfusion and signal interference. It must show SpO₂ value for low perfusion patients with accuracy – 70% to 100% (± 2 digits)
9. Should have wide range of sensors including forehead sensor for more effective monitoring option in low perfusion patients
10. Tenderer should have wide range of sensors for Adult, Pediatric, Neonatal and premature patient types separately for adhesive and Velcro type disposable sensors to accommodate diverse patient sizes, weights and needs.
11. Sensor Event Report, allowing patient alarm events to be recorded on sensors for memory back up of 80 hours or more.
12. Power Requirements: 100 to 240V, 50/60Hz and internal re-chargeable battery with 5 hours battery back-up
13. It should be European CE and US FDA approved for device and sensors.
14. Should be certified for CECHD Screening & motion artifact by USFDA.
15. It should be light weight of less than 2kg and size not above 84Hx260Wx170D (mm)
16. It should comply with EN IEC 60601 standard
17. User preset of high/low alarm on SpO₂ and PR monitoring
18. Audio visual alarm for SpO₂ and PR in case measurements are outside preset range with alarm silence feature
19. Should have Satseconds alarm management system to reduce the unwanted alarms which disturbs the sick patients.
20. Automatic switch from mains to batteries in case of power failure
21. Should have USB port for download and software-up-gradation


प्राध्यापक व निभागाप्रमुख
स्वा. - रोग व प्रसूतीशास्त्र विभाग
स्वा. रा. ती. प्रा. शा. वै. महाविद्यालय, अंबाजोगाई

Name of Instrument : Multipara Monitor With ETCO2

Technical Specification

1. The monitor should have adult, paediatric and neonatal applications and should be user friendly.
 2. It should be capable of monitoring ECG, non-invasive blood pressure, oxygen saturation (SpO2) and Respiration, dual Temp, dual IBP & EtCo2. Should be future upgradeable to CO, CCO, BIS & EEG.
 3. The monitor should be modular in design with colour touch screen of minimum 15" in size with coloured waveforms. Display of waveform as well as the numbers should be clearly visible from a distance of up to 6-10 feet.
 4. The Touchscreen should be full touchscreen and not touch buttons.
 5. The modules should be freely exchangeable for same make of monitors.
 6. The monitor should display at least 8 curves at a given time and the operator should be able to arrange curves, graphics and measured value fields as desired on the screen. The operator should be able to freeze the waveforms as well.
 7. Monitor should have Emergency Transport module wherein it can be used during patient transfer and can be plugged into main unit again.
 8. Emergency module should have graphical color TFT touchscreen Display of atleast 5.5" which can display waveforms of ECG, SPO2, EtCO2 & 2 IBP And display parameters of NIBP, Respiration & dual Temp
 9. The Emergency Transport Module should be able to display 12 lead ECG on the screen at a time.
 10. Emergency module should have rechargeable battery built-in for at-least 240 minutes.
 11. Emergency transport module when used for transport should have direct wi fi connectivity to wi fi Central station and not through monitor only.
 12. Monitor should have facility to view other beds data on the screen
 13. The Main (base) monitor also should have Wi Fi connection with central station.
 14. It should have a facility of data storage for at least 72 hours of trended parameters and should also have graphical & tabular trends.
 15. Should have a facility to deactivate all the alarms if necessary.
 16. The monitor should have full disclosure of at least 4 waveforms
 17. The monitor should have Following software's Hemodynamic Calculation, ST Analysis, Drug dose calculation
 18. The main unit should have rechargeable battery with operating time of at least 90 minutes
 19. The unit should have drug dose calculation, Oxygenation & ventilation calculation packages with connection facility to Standrad make ventilators
 20. The unit should be European CE (Notified Body) or US FDA approved. The certificates for the same should be submitted with the offer, without which offer is liable to be rejected.
 21. The monitor should be HL7 compatible
- ECG monitoring: Essential specifications
1. Available leads: I, II, III, V, AVR, AVL, AVF, V
 2. Should display one or all the selected leads at a time
 3. Accuracy of +/- 2 beat / min.
 4. Should efficiently filter out the electrical disturbances.
 5. Should have ST segment analysis.
 6. Should have arrhythmia monitoring facility for more than 20 arrhythmias
 7. Should have user selectable alarms.
 8. Heart rate measuring range: 15-300 beats/min
 9. Standard AHA standardized,, CE certified, ECG cable should be provided.
- Pulse Oximeter (SpO2)
1. Should provide a digital value of the arterial oxygen saturation as well as diagnostic plethysmographic pulse waveform. SpO2 Measurement Technology should be Infrared Absorption & motion artefact tolerant from Nellcor/Massimo/ Nihon Kohden
 2. Measurement range: 0 to 100%
 3. User selectable upper and lower alarm limits.
 4. Standard reusable pulse oximetry probes for adult, pediatric and neonatal use.



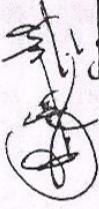
प्राध्यापक व विभागप्रमुख
स्वा-रोग व प्रसूतीशास्त्र विभाग
एन.सी.पी.आ.आई. मेमोरियल अंबाजोगाई

6. Should be sensitive and function accurately even at low perfusion states of low blood pressure or hypothermic conditions. It should display perfusion index in %
- Respiration
1. Range: 0-150 rpm or more
 2. Accuracy: +2rpm
 3. Should have an apnea alarm
- Non-invasive blood pressure (NIBP) monitoring:
1. Should have Oscillometric method of measurement of BP
 2. Range: 10-300 mm Hg for adults, 10-300 for paediatric and 10-150 for neonates
 3. Should provide over pressure protection
 4. BP cuffs should be latex free, C. certified, washable and sterilizable, Velcro based, carrying artery symbol and indexline
5. Accessories, NIBP cuff:
- a. For Adult Thigh
 - b. For arm: Large adult, Adult, Small adult, Paediatric, Neonatal
- Invasive blood pressure (IBP) monitoring:
1. Should have 2 channels and upgradeable to 4 IBP
 2. Should have range of -50-300
 3. IBP overlapping facility should be available
 4. IBP Labeling should be possible
 5. Should display PPV/SPV
- Accessories to be supplied with e Monitor:
- 5 Lead ECG cable - 2 nos.
- Adult and Paediatric SpO2 Probe with Extension - 2 nos each
- NIBP Cuffs (Adult, Paediatric & Neonate) - 2 each
- NIBP Hose - 2no
- Temperature Probes - 2 nos.
- IBP Disposable Transducer- 10 nos.
- IBP Patient Cable - 2 nos.
- Power cord - 1 no.
- Warranty Card- 1 no.
- Monitor Wall Mount Stand Socket for each Monitor
- Bed Multi Parameter Central Monitoring with Wi Fi System Software with following features
1. System should have user friendly touchscreen
 2. 16 bed alignments, with full screen zoom options.
 3. Online Arrhythmia Recognition & recall facility for all arrhythmias of bedside
4. 120 Hours Heart Rate Trend
 5. 120 hours data storage, retain 30 day viewal capacity.
 6. Smart Alarm, Alarm Logging & Alarm queue up facility.
 7. HL7 Compatible
 10. Patient's Data remains stored safely even after a Power Failure'
 11. All the data (Current as well as Stored) can be printed on network printer.
 12. Parameters : ECG, SpO2, NIBP, Resp, 2IBP, EtCO2 & 2Temp or upgradeable to parameters as viewed on Bedside monitor
 22. UPS of 600 VA
 25. 24" and above High Resolution TFT Monitor
 26. HP Laser Printer
 27. Patient monitoring network shall use standard TCP/IP protocol and be capable of residing on hospital's network infra-structure
 28. Suitable appropriate size Table for Central Station

प्रतिपादक व विभागप्रमुख
 स्त्री-रोग व प्रसूतीशास्त्र विभाग
 अंबाला जिला अस्पताल, अंबाला

TECHNICAL SPECIFICATION OF OT LIGHT DOUBLE DOME

- Ceiling Mounted LED O.T. Light Double Dome 5 plus 5 with Remote Control (Hospilite Orion 5 plus 5)
- Category : LED general examination light-Medical exam or surgical headlight or headlamp in medical exam light or lamps
- Number of White LEDs – 140 nos.
- Color Temperature – 4300 Degree Kelvin
- Working Distane – 100 cm
- Length of the Power Chord – 200




प्राध्यापक व विभागाप्रमुख

स्त्री-रोग व प्रसूतीशास्त्र विभाग
मना.ग.ती.ग्रा.शा.वे.महाविद्यालय, अंबाजोगाई

Name of Instrument :Fogger machine

Technical Specification

- Compatible with all types of water based disinfectants including acidic, alkaline, oxidizing, quaternary ammonium based, peroxide and silver nitrate combination.
- Produce nearly invisible droplets of particle size 0.1 -10 microns.
- Suitable for 100 ~ 1,000 square feet area.
- Made of corrosion proof, durable body made of heavy duty nylon material.
- SS316 made nozzle pin
- Have an integrated air intake filter.
- Should have an integrated reservoir filter.
- The tank should be >6Lit volume .
- Disinfectant Level should be visible in the tank .
- Timer of 0~60 minutes should be integrated with the fogger body.


प्राध्यापक. ३ विभागप्रमुख
स्वा. रोग व प्रसूतीशास्त्र विभाग
स्वा. ग. ती. ग्रा. शा. वै. महाविद्यालय, अंबाजोगाई

Technical Specifications of Colposcope

Components:

- Camera
 - Image processing unit
 - Vertical stand
- Dimension (camera & stand):
- when stand is contracted: 500 mm (l) x 500 mm (w) x 920 mm (h)
 - when stand is extended: 500 mm (l) x 500 mm (w) x 1120 mm (h)
- Weight: 8.81 lbs (4 kg)

Camera Specifications: • 1/4" SONY Exview HAD CCD imaging module

- Fast auto focus
- Magnification: 1 - 40x
- Optical magnification: 1 - 36x
- Circular LED group light source
- 3 grade green filter function
- S-Video output and USB 2.0 with AMD provided adapter
- Image freeze control
- Working distance: 200 - 300mm
- Field-of-View: 52° at 1X
- Depth of View: 5mm - 120mm
- Magnification and acetic acid reaction time display
- Multifunction board (direct control of magnification, focus, freeze and green filter)

Vertical Stand Specifications:

- International standard CCD interface
- Maximum height: ≤900 mm
- Adjustable: ≥150mm
- (4 or 5) 360° swivel leg casters with brakes

Image Processing Unit: includes the power supply and the image processing module to power the camera and convert analog signals

PC1/D/NEW_OBGY/DPDC_PROPOSAL/OBGY DEPT_2020_21_DPDC_PROPOSAL1

स्वा-सेवा व गणतंत्राचे विभाग

स्वा.से.ती.ग्रा.से. मंत्रालय, अंबाजोगाई

to digital signals so they can be output onto a monitor or to a computer device.

Viewing Monitor Minimum Requirements

- Type: Color Display
- Size: ≥ 15 "
- Horizontal Definition: ≥ 550 TVL
- Refresh Rate: ≥ 60 Hz
- Brightness: ≥ 250 cd/m²
- Viewing Angle: $\geq 150^\circ$
- Contrast: $\geq 400:1$

Power Supply

- Input Voltage: 100-240V, 50/60Hz ± 1 Hz
- Input Power: 100VA Environmental Specifications: (This product should not be placed under direct sun light)

Operation: • Temperature: 41°F - 104°F (5° - 40°)

• Relative Humidity: $\leq 80\%$


• Atmospheric pressure: 70.0kPa - 106.0kPa

Storage:

• Temperature: -4°F - 131°F (-20° - +55°)

• Relative Humidity: $\leq 95\%$

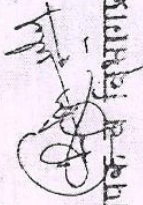
• Atmospheric pressure: 50.0kPa - 106.0kPa


प्राध्यापक व विभागप्रमुख
स्त्री-रोग व प्रसुतीशास्त्र विभाग
स्वा.ग.ती.प्रा.शा.वै. महाविद्यालय, अंबाजोगा:

Technical Specification of CryoCauteryApparatus:

Model BascoCryos: Unique Features and Benefits Made with high quality Hypodermic needles-ensures smooth flow of cryogenic gas and lasts longer. Equipped with specially designed "Silencer"-enable quieter operation. Body made of ABS Plastic, in attractive colors-aesthetically appealing. Specially designed probes for different specific end uses-enables wide usage of same instrument for different specialties. Attractive light-weight carrying case-easy portability. Available with ON-OFF Control instrument also, additional facility.

Super Deluxe Silencer Gun : Features Hand Operated. Uses Nitrous oxide (N₂O). Interchangeable probe connection facility available. A combined unit for Gynaec, General surgery, E.N.T and Dermatological applications with any one probe attached to it. Spare washer and carrying case.



प्राध्यापक-च. विभाग प्रमुख

स्त्री-रोग व प्रसूतीशास्त्र विभाग
स्वा.रा.ती.शा.शा.वे.महानिखाल, अंबाजोगाई

F.P.T

Suction Machine Electric Operated

Specification:

1. Volt- 230 Vac
2. Rating of Motor- continuous
3. Suction Bottle Capacity- 2 x 2000 ml minimum (with safety valve)
4. Gauge- 0 to 760 mm Hg
5. Pump- Oil lubricates rotary pump
6. Suction Tubings- ID 7 mm, 5m long and non-collapsible.
7. Should have air tight lids.
8. Should have a noiseless Operation
9. Should provide filter to absorb moisture and water particles entering into the rotor.
10. Should have an external provision for topping up of lubricant.
11. Should be well-designed, cabinet made of mild steel powder coated
12. Should bear ISI mark



सहायक प्राध्यापक
न्यायवेद्यकशास्त्र विभाग
स्ना.रा.ती.प्रा.शा.वे.म.अंबाजोगाई

Fogger Machine

Specifications:

- 1) Device should be made for hospital use only. (operation theatre or intensive care unit sterilization)
- 2) Device should be portable, electrically operated.
- 3) Machine weight at least 6 kg.
- 4) Tank capacity at around 5liters.
- 5) Area covered should be around 7500 cubic feet
- 6) Tank should be metallic made and sturdy.
- 7) Droplet size generated by nozzle should be submicron size. Validation of droplet size by a governing body will be preferred.
- 8) Timer function should be present. Integrated timer is preferred.
- 9) Particle throw in a closed room should reach up to 3 to 4 meters
- 10) Output should be less than or equal to 3 liters per hour.
- 11) All parts should be compatible with acidic or alkaline liquids.
- 12) Medical grade silicon tubing and stainless steel internal parts. complying to FDA & UPS CLASS VI 13) Should have intake air filter uniquely designed of two layers for dust and fog separation
- 14) Device motor should be high speed.
- 15) Should have Precision Metering System : 0-70ml/minute
- 16) Should be of nozzle assembly – non clogging design – Engg. Plastics

17) All the companies who have quoted for the fogger machine, should come and demonstrate their Fogger machines within 15 days after being contacted. Purchase of the machine will be decided only after seeing the demonstration



Dissection Kit Set

Specifications:

- 5.5" Specimen Serrated Forceps, 4.5"
- Fine point Forceps, 4.5"
- 2 x 1 Tooth Tissue Forceps
- 5.5" Scalpel Knife Handle, # 4, 5"
- Scalpel Knife Handle, # 3,
- 5.5" Scalpel Knife Handle
- 5.5" Operating Scissors: Sharp Blunt Straight,
- 4.5" Iris Scissors
- 5" Mosquito Forceps Straight
- 5" Mosquito forceps Curved
- 5" Dissecting Spatula
- 5" Grove director
- 5" Needle Straight Point
- 6" Needle Curved Point
- 6" Ruler with inch and cm markings
- 4" Magnifier folding
- Disposable blades #22 10 pcs
- Disposable blades #10 10 pcs
- Deluxe dissecting case with zipper



सहायक प्राध्यापक
व्यापकशास्त्र विभाग
स्वा.रा.ती.प्रा.शा.वे.म.अंबाजोगाई

Specs 60 Washing MachineSpecifications:

Steam Inlet	25 x 2 mm
Heating Steam Consumption	120 Kg/hr
Dimensions	3500 x 1300 x 1700 mm
Weight	2025 kg
Capacity	150 kg
Basket Size	1050 x 2400 mm
Volume It	2077
Door Opening	500 x 600 mm
Number of Door	02
Motor	7.5 hp
Water Connection	2.0 x 2 inch
Drain	06 inch

- Machine has good aesthetic features.
- Machine is manufactured is s. s. material of 304 grade.
- Machine is available with programmable logic controller.
- Very good for robust work.
- Heavy duty drain valves are used for quick removal of water.
- Machine has the features of higher efficiency.
- Easy to install. Easy to operate. Easy to maintain.
- Runs smoothly and negligible noise.
- The machine has robust structure so as to withstand the full loads.

Sanit

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P. Anish
RMO

SRTRGMC & Hospital

27 kg Washing Machine

Specifications:

- The starter box is provided with automatic reversing starter along with the machine.
- The inner and outer drum of the machine is manufactured in 304 quality s. s. sheets.
- Machine is available with programmable logic controller.
- Very good for robust work.
- Heavy duty drain valves are used for quick removal of water.
- Machine has good aesthetic features.
- Machine is manufactured in s. s. material of 304 grade.
- Fully automated panel box that is easy to operate
- Hot forged flange and shaft
- Unique design which consists of raising the door height above the drum center, increase holding capacity, which leads to better loading ratios. These sophisticated washing machines, extensively used in different laundries, are acknowledged for their better operational life and flawless performance.
- These washing machines, crafted using high-quality material, are precisely tested on quality grounds for ensuring optimum results.
- They are ideally suited for Denim/Stone Washing, Enzyme Washing, Garments Dyeing & Bleaching, Softening, Milling operation (for woollens).

60 Washing Machine with 2 hp 3 phase Electronic

Motor

Specifications:

The advanced technological features used in this model have made it possible to make a machine that is easy to manufacture and operate at low cost. The WE models are the ultimate solution to savings in laundries as drying time, operating time utility consumption and labor expenses can be reduced significantly while increasing the productivity. Fully automatic, wash and High spin extract, Front loading, Open pocket, All 304 Stainless Steel, Controlled through, VFD, with state of art TFT Suspension. All contact part 304 Stainless Steel.

Features:

- Hassle free operation
- Corrosion resistant
- Easy usage

Other Details:

- The machine come with different options manual controls, logic control and micro processors control with computer interface
- The inner basket, the outer drum end plates, safety guards and control panel are constructed Using AISI304
- The reduction pulley system or gear box with pulley ensure a smooth and soft drive
- Calibrated level indicator to control the water level
- Larges cast-iron drainage ensure quick release of water and very low maintenance
- Model include steam, electrical or thermal fluid heating mechanisms


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Specs Washing Machine

Specifications:

Usage/Application	Laundry
Type	Semi Automatic
Loading Type	Front Loading, Top Loading, Side Loading
Capacity	10-800 kg
Motor Size	1.5 HP, 2 HP, 3 HP, 5 HP, 10 HP
Size	10 to 160kg
Features	PLC Controls

Front loading, Open pocket Outstanding reliability and efficiency at a price you can afford The WE-10to 160 series is a breakthrough for suspended washer-extractor The advanced technological features used in this model have made it possible to make a machine that is easy to manufacture and operate at low cost.


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Specs **40 LBS Hydro Extractor**

Specifications:

Material	SS
Voltage	415 volts
Frequency	50 Hz
Model	HSR2
Drive Motor	3 (HP)

Product Description

We offer heavy duty Hydro extractor, hydro extractor machine that is designed to remove excess water swiftly with minimum vibration and noise. These robust hydro extractor machines are mostly used for hydro-extraction of Yarn, Coir, Jute, Cone, Fabric etc. Our hydro extractor machines are provided with a limit switch and an interlocking device for added safety.

Basket

The perforated basket is made of stainless steel (**AIST 304 / 316**) in standard size and in different gauges according to the size of the machine. It consists of top flange made of stainless steel and bottom flange of robust cast iron lined with stainless steel sheet, which is well balanced statistically and dynamically. The outer body is also made of S.S.Sheet.

Bearing Housing & Shaft

C.I.Bearing housing is mounted on the central boss of the main bed. The main shaft is of alloy steel and is precisely machined to withstand the loads caused by the centrifugal force. The bearings

supporting the main shaft are heavy duty roller and thrust bearings.

Suspension

The complete machine is suspended by heavy-duty three legs on universal oscillating steel pins with heavy steel springs and gunmetal bushes. This arrangement removes the vibration while the machine is running.

Drive System

The revolving cage is driven by vertical T.E.F.C. motor fixed on the main channel frame, consuming 415 volts 50Hz A.C. power supply. The motor is fitted with dead load proof centrifugal clutch pulley for progressive starting of the machine, which removes the initial load on the motor.

Auto Brakes System

Brake is controlled by spring-loaded auto lever. And it fitted with fedrolined external shoe brakes. This brings the heavy internal basket to an effective stop in 20 - 40 seconds. Suspension system to minimize vibration. Three-point suspension on heavy duty spring on C.I. legs and channels frame.

Safety Features

The machine is provided with the following safety features:

- Door interlocked to drive
- Air lock to prevent door opening when machine in operation
- Thermal overload protection for motor
- Large drain to prevent machine from flooding
- Friction clutch for smooth start and running
- Guards to protect the moving parts
- Mechanical spring loaded auto brake
- Inverter Drive (Optional)

Spec: Drying Tumbler

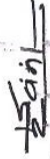
Specifications:

Automation Grade	Automatic
Weight	60 kg
Heating Electric	24 kw
Heating Diesel Fired	3.00 lt/hr
Dimensions	1350x1780x2300
Net Weight	940 kg
Basket Size	1250x970 mm
Volume It	1190
Drive Motor Power	2.0 hp
Suction Motor Power	2.0 hp
Air Delivery	3000 ft3 / hr
Air Outlet Dia	200 mm
Door Opening Dia	600 mm
Steam Consumption	60 kg/hr

The most advanced version of tumbler dryers based on Italian Technology, perfect solution for absolutely dry garments in a controlled environment, come winter or monsoon.

Features:

- Digital Auto temperature Sensor & indicator, auto timed, auto forward & reverse
- Finest brands of electrical & H-class motors for maintenance free operation
- Closed grain cast Iron pulley
- Self aligned bearings to sustain radial & weal loads
- Blanket wool insulation


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- Aluminium canted bower prevents accumulation of lint & maintain uniform suction
- Fully epoxy painted inside for rust free operation
- Most modern design

~~Line~~
Line Keep
SRTRGMC & Hospital
Ambajogai

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Line
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Spec 30 Drying Tumbler

Specification:

Construction:

Heavy fabricated outer body is metallic painted with clear coating for longer life, large sized die pressed powder coated door for easy loading. The machines are epoxy coated inside for rust prevention. The inner drum is constructed of SS 304.

Drying Chamber:

Thermally insulated stainless steel basket, double walled prevents heat loss & maintain uniform temp

Drive:

Balanced cast iron pulleys & flexible Plummer block housing with double ball bearing to sustain all loads

Suction:

Moisture evacuation is through balanced centrifugal high suction blower directly mounted on motor for silent operation

Lint screen:

Sliding lint screen is provided in the front panel for easier operation

Steam / Electric Radiator:

Copper milk with aluminium fins for steam heated and fin type elements for electric heated are provided with sliding mesh to prevent dust on radiator

Diesel/PNG Operated:

The most economical & automatic operating system. Diesel / PNG burner is fitted in a heat exchanger made of numerous seamless pipes for quick air heating with sliding mesh

SRTR

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RMO

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Drying Tumbler Electric Heated

Specifications:

Usage/Application	Industrial purpose, heavy duty
Electric supply	415V, 3 phase, 50c/s, A.C
Inner Drum Material	Stainless Steel AISI grade 304
Outer Body Material	Fabricated from mild steel sheets and completely powder coated
Automatic grade	Manual
Material grade	AIST 16/14 SWG 304

Features

Designed for continuous operation, heavy operation, heavy duty and to suit customer requirement. Choice of steam or thermion fluid heating models available. Special airflow design ensures maximum usage of heat.

Inner Drum

Fabricated from stainless steel perforated sheets of AIST 16/14 SWG 304 quality designed for easy flow of air, finished smooth inside with lifters for tumbling of the load.

Outer Drum

Fabricated from mild steel sheets duly insulated to minimize loss of heat and carries the heating system. Air exhaust system, self-cleaning lint trap, drives and controls.

Heating System

Electrical, Gas, Steam or thermic fluid heating system is provided as per customer requirement. The heater with the combination of unique airflow across the drum length ensures maximum and quick

drying. Turbo charging the fresh air system.

Drive

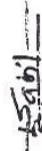
- Exhaust fan drives by directly mounted door
- Heavy-duty motor drives inner drum through either a worm reduction gearbox and pulley

Electricals

- Controls and operating panels are mounted on the machine on the machine and include the necessary controls for smooth and safe operation of the machine. Control includes automatic forward/reverse adjustable rotation of the inner drum-drying timer. Cooling timer is provided.
- All timer and indicators are electronics
 - All electric control equipment is used L & T / Telemecanique make
 - Motors used are Crompton Greaves / Hindustan make.

Finish

- All mild steel parts painted or powder coated against corrosion
- All stainless steel parts are polished


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LPG Operated Role Press

Specifications:

Capacity	1600/450
Usage/Application	Industrial
Type Of Clothes	Cotton
Machine Type	Automatic, Semi-Automatic, Manual
Brand	Star Whites
Frequency	50 hz
Length	89 inches
Material	MS/SS
Max Height	48 inches
Power Source	Electric
Country of Origin	Made in India

Salient Features:-

- Works on LPG / Electrical heaters for heating.
- Compact design. Minimum space requirement.
- Easy and safe to operate.
- Suitable for a variety of clothes like Saris, bed sheets, dhotis, with a wide range of cloth material.
- Burner operation on low pressure LPG / Pipe gas / Natural gas
- Provision of temperature controller to suit different types of clothes material.
- Arrangement of roller lock to reduce operator fatigue.
- Variable roller speed drive to optimize the cycle time.
- Incorporated with flame failure detection as a safety measure.
- Provision of castor wheels for easy movement of the machine.
- Low operation & maintenance cost.
- Outstanding surface texture of roll pressed cloth.

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P. S. S. S.
RMTD
SRTRGMC & Hospital
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Online Steam Ironing System with inbuilt Boiler

Specifications:

- Machine is useful in textile, hotel and hospital laundries.
- Flat Work Ironer is available in electrical and steam heating.
- Machine is highly efficient due to its features.
- The machine's flexible chest design allows uniform high pressure between roller and chest.
- Machine is available in single, double and triple rolls on request.
- All types of linen cloths, garments can be ironed

Capacity- 4 Kg/hr

- 1- Operation Steam – 15-20 minutes
- 2- Volume of inner Tank - 10 liters
- 3- Drain size – 1/2"
- 4- Electric Element :- 3 Kw X 1
- 5- Boiler Safety Control - IPS Pressure Controller, Safety Valve cancer prop
- 7- Electrical control box --ALL switch DV / TC/ C&S Electric LTD.
- 8- Safety feature ---The machine automatic PRESSURE CANTROLER & WATER LEVEL

Kain

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Rajesh
RMO
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Dry Linen Trolley

Specifications:

- Mesh sided basket
- Spring loaded base
- Corner buffers and push handle
- Powder coated steel finish
- 125mm swivel castors
- **Sizes:**(1100 L X 680 W X 850 H)
- Lightweight trolley for easy use and quit operation.
- High quality canvas basket with longer life.

Saint

Linen Keeper:

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Ambajogai

Saint
RMO

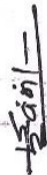
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Wet Linen Trolley

Specifications:

- Tray built in high quality aluminium.
- Top and bottom reinforced with aluminium profiles.
- Bottom sealed with silicone to prevent leaks.
- Possibility to choose the arrangement of wheels and multiple accessories.
- Mesh sides
- Spring assisted base automatically lowers under the weight of linen as it is loaded into the trolley
- Powder coated steel construction
- Quality 150mm castors
- Buffer discs on corners to prevent damage to walls
- Optional push handle - 4H200PH (needs to be specified at the time of purchase – extra charge applies)

Sizes:(1100 L X 680 W X 850 H)


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Jew 40 LBS Hydro Extractor

Specifications:


Material	SS
Voltage	415 volts
Frequency	50 Hz
Model	HSR2
Drive Motor	3 (HP)

Product Description

We offer heavy duty Hydro extractor, hydro extractor machine that is designed to remove excess water swiftly with minimum vibration and noise. These robust hydro extractor machines are mostly used for hydro-extraction of Yarn, Coir, Jute, Cone, Fabric etc. Our hydro extractor machines are provided with a limit switch and an interlocking device for added safety.

Basket

The perforated basket is made of stainless steel (**AIST 304 / 316**) in standard size and in different gauges according to the size of the machine. It consists of top flange made of stainless steel and bottom flange of robust cast iron lined with stainless steel sheet, which is well balanced statistically and dynamically. The outer body is also made of S.S.Sheet.


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GEW Hydro Extractor

Specifications:

Bearing Housing & Shaft

C.I. Bearing housing is mounted on the central boss of the main bed. The main shaft is of alloy steel and is precisely machined to withstand the loads caused by the centrifugal force. The bearings supporting the main shaft are heavy duty roller and thrust bearings.

Suspension

The complete machine is suspended by heavy-duty three legs on universal oscillating steel pins with heavy steel springs and gunmetal bushes. This arrangement removes the vibration while the machine is running.

Drive System

The revolving cage is driven by vertical T.E.F.C. motor fixed on the main channel frame, consuming 415 volts 50Hz A.C. power supply. The motor is fitted with dead load proof centrifugal clutch pulley for progressive starting of the machine, which removes the initial load on the motor.

Auto Brakes System

Brake is controlled by spring-loaded auto lever. And it fitted with fedrolined external shoe brakes. This brings the heavy internal basket to an effective stop in 20 - 40 seconds. Suspension system to minimize vibration. Three-point suspension on heavy duty spring on C.I. legs and channels frame.



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GEW 40 Hydro Extractor

Specifications:

The machine is provided with the following safety features:

- Door interlocked to drive
- Air lock to prevent door opening when machine in operation
- Thermal overload protection for motor
- Large drain to prevent machine from flooding
- Friction clutch for smooth start and running
- Guards to protect the moving parts
- Mechanical spring loaded auto brake
- Inverter Drive (Optional)


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Technical Specification of Multichannel Electronic Pipette – 8/12 Channel

- Light weight electronic Pipette for high Professional Standards with all the operations in front side of pipette facing user
- Provision to rotate lower part at 360 degrees
- Only one multi-function rocker for liquid aspiration & dispensing.
- Piston should provide thermal, mechanical and chemical stability
- Individual piston for all channels should automatically return Zero position when tip is ejected.
- Should have provision for removing individual channels (in Multichannel Pipette) to adjust the space between channels.
- Should have in built help menu with a provision for performing automatic dispensing, dispensing, pipetting, pipetting & mixing, manual pipetting.
- Spring loaded tip cone that provide perfect fit for TIPS
- Pipette should have a counter to count the pipetting actions
- Pipette should have rechargeable Li-Polymer battery that provides long service life without need for frequent charging (minimum of 8 hours without charging)
- History function should be available for storing last 10 dispensing settings (volumes, speed) saved and should be accessed
- Provision to adjust pipette based on Altitude 0-5000m above mean sea level to maintain appropriate atmospheric pressure
- Pipette should work continuously while charging.
- Display of parameters should be in the same position regardless of the mode
- Provision to autoclave the lower parts
- Provision for creating Digital identity of pipette to prevent any accidental exchange for crucial applications

[Signature]

गणेशधर-ए-विद्यालय, इलाहाबाद

श्री १००००००० विभाग

स्वामी विवेकानंद जीयं ग्रामीण

कृष्णविद्यालय, संनलीला

१०

Technical Specification of Multichannel Electronic Pipette – 8/12 Channel

- Light weight electronic Pipette for high Professional Standards with all the operations in front side of pipette facing user
- Provision to rotate lower part at 360 degrees
- Only one multi-function rocker for liquid aspiration & dispensing.
- Piston should provide thermal, mechanical and chemical stability
- Individual piston for all channels should automatically return Zero position when tip is ejected.
- Should have provision for removing individual channels (in Multichannel Pipette) to adjust the space between channels.
- Should have in built help menu with a provision for performing automatic dispensing, dispensing, pipetting, pipetting & mixing, manual pipetting.
- Spring loaded tip cone that provide perfect fit for TIPS
- Pipette should have a counter to count the pipetting actions
- Pipette should have rechargeable Li-Polymer battery that provides long service life without need for frequent charging (minimum of 8 hours without charging)
- History function should be available for storing last 10 dispensing settings (volumes, speed) saved and should be accessed
- Provision to adjust pipette based on Altitude 0-5000m above mean sea level to maintain appropriate atmospheric pressure
- Pipette should work continuously while charging.
- Display of parameters should be in the same position regardless of the mode
- Provision to autoclave the lower parts
- Provision for creating Digital identity of pipette to prevent any accidental exchange for crucial applications

10.3.2018

गणेशदास दा विज्ञान प्रभु
जीव रसायन शास्त्र विभाग
व्यामी रामानंद तीर्थ ग्रामीण
शुक्रिय महाविद्यालय, तंजालीकर

DEPARTMENT OF BIOCHEMISTRY
S.R.T.R.MEDICAL COLLEGE AMBAJOGAI, DIST.BEED

TECHNICAL SPECIFICATION FOR

"TABLE TOP LABORATORY CENTRIFUGE"

It should be suitable for routine sample analysis in Medical, Hospital, Biochemistry.

It should have head and adaptor for rotor.

It should have operator safety with stainless steel chamber.

It should have brushless induction motor.

It should have frequency drive.

It should have microprocessor controller.

It should be with 7 segment LCD display of speed, time.

It should be with digital countdown timer & continuous run.

It should be with imbalance detector, dynamic brake, safety lid lock.

It should have acceleration and deceleration profiles.

It should be with swing out rotor of capacity 24 tubes of 15 ml capacity.

It should be supplied with rotor, glass centrifuge tubes and accessories.

It should have maximum Speed not less than 6000 rpm or 5070 g with full capacity.

It should be suitable with supply of 220-240 volts 50 Hz single phase.

With at least two years warranty and operation manual.

Free installation and training to lab staff.

Handwritten signature
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१६/१२/२०२१
१६/१२/२०२१
१६/१२/२०२१
१६/१२/२०२१

DEPARTMENT OF BIOCHEMISTRY
S.R.T.R.MEDICAL COLLEGE AMBAJOGAI, DIST.BEED

TECHNICAL SPECIFICATION FOR

" BOTTLE TOP DISPENSER "

- It should be safe, convenient & customisable for broad range of application which should permit bottle dispensing of aggressive reagents like acids alkalis , saline and organic solvents.
- It should be chemical & thermal resistance.
- It should have ceramic piston, glass cylinder, high resistant fluoroelastomer parts.
- It should have 360° rotating dispensing head with flexible discharge tube with safety handle to facilitate serial dispensing even into narrow test tubes.
- It should have incremental volume set ups.
- Dispensing Volume (1) 0.2 ml to 2.0 ml.-01No.
(2) 0.5 ml to 5.0 ml.-01 No.
- It should be fully autoclavable at 121° C.
- It should have easy to attach aspiration tube with a secure threaded connection.
- It should have user replaceable valves.
- It must be provided with wide range of adapters to fit common bottle sizes.
- It must be easy to calibrate and adjust in order to comply with ISO 9001 & GLP guidance.
- It should have 2 year warranty.



11/07/2024
संशोधन विभाग
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DPCC

PSM

Specifications

In The Box

1 HAND WIRELESS MIC, 1 COLLAR WIRELESS MIC, 1 POWER ADAPTER, 1 RECEIVER

General

Brand Alhuja
 Model Number AWM-520VHL WIRELESS HAND & COLLAR MICROPHONE

Type Indoor

Audience Size 100

Microphone Included Yes

Portable Yes

Model Name AWM-520VHL

Microphone Form Factor HAND HELD & COLLAR

Color Black

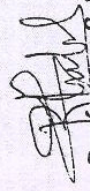
Connectivity Features

Number of Microphone Input Wireless 2 Yes

Transmitter Features

Maximum Power Output 120 W
Number of Sound Mixer Channel 0

Speaker Features


 Professor & Head
 Department P.S.M. (Community Medicine)
 S.R.T.R.Govt. Medical College
 Ambajogai-431517