



महाराष्ट्र शासन

शासकीय वैद्यकीय महाविद्यालय व सर्वोपचार रुग्णालय बारामती
Government Medical College & General Hospital Baramati

प्लॉट पी-१०७, एमआयडीसी एरिया, महिला रुग्णालयासमोर, बारामती जि.पुणे ४१३१३३

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जा.क्र.शावैमज/खरेदी विभाग/यंसाखरेदी/दरपत्रक/ 9674

/२०१९

दि.08/92/२०१९

दरपत्रक मागणी पत्र :-

प्रति

विषय :-शासकीय वैद्यकीय महाविद्यालय व सर्वोपचार रुग्णालय बारामती या संस्थेतील विविध विभागांसाठी यंत्रसामुग्री खरेदी करण्यासाठी दरपत्रके सादर करणेबाबत.

संदर्भ:- शासन निर्णय क्र.जीसीबी-२०१९/प्र.क्र.१९२/प्रशा-१, दिनांक १३ ऑगस्ट, २०१९
अन्वये प्रशासकीय मान्यता प्राप्त.

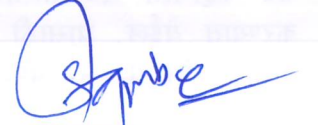
शासन निर्णय दिनांक ०५ जुलै, २०१९ अन्वये बारामती जि.पुणे येथे शैक्षणिक वर्ष २०१९-२० पासून १०० विद्यार्थी प्रवेशास परवानगी मिळाली असून, प्रत्यक्षात महाविद्यालय सुरु झालेले आहे. महाविद्यालयाच्या अधिपत्याखाली विविध विभागांकरिता वित्तीय वर्ष २०१९-२० करिता यंत्रसामुग्री व साधनसामुग्री खरेदी करण्यासाठी इच्छुक पुरवठाधारकांकडून मोहोरवंद पाकीटात दरपत्रके मागविण्यात आली होती. परंतु खालील यंत्रसामुग्रीची कमीत कमी तीन दरपत्रके प्राप्त झाली नसल्यामुळे सदर यंत्रसामुग्रीसाठी दरपत्रके सादर करण्यास मुदतवाढ देण्यात येत आहे. तरी इच्छुक पुरवठाधारकांनी त्यांचे दरपत्रके मोहोरवंद पाकीटात खाली नमुद केलेल्या यंत्रसामुग्री व साधनसामुग्रीकरिता सोवत जोडलेल्या विनिर्दिष्टानुसार दरपत्रके दि.१८/१२/२०१९ पर्यंत सादर करावी. सदरची दरपत्रके शासकीय वैद्यकीय महाविद्यालय व सर्वोपचार रुग्णालय बारामती प्लॉट पी-१०७, एमआयडीसी एरिया, महिला रुग्णालयासमोर बारामती जि.पुणे ४१३१३३ येथे कार्यालयीन वेळेत सकाळी ११:०० ते ५:०० पर्यंत या कार्यालयाच्या आवक शाखेत खालील अटी व शर्तीनुसार सादर करावी.

अ.क्र.	विभागाचे नाव	यंत्राचे नाव	यंत्राचे विनिर्दिष्टये (Specifications)
सोवत यादी जोडलेली आहे.			

महत्वाच्या अटी व शर्ती

- १) दरपत्रक मोहोरवंद लिफाफा दि.१८/१२/२०१९ रोजी सायं ५.०० वाजेपर्यंत कार्यालयास पोहचतील या वेताने पाठवावे. जाहीर केलेल्या तारखेनंतर अथवा कार्यालयीन वेळेनंतर आलेले दरपत्रक विचारात घेतले जाणार नाही / ग्राह्य धरले जाणार नाही.
- २) या संस्थेमधील सूचना फलक तसेच संस्थेच्या www.gmcbaramati.org या संकेतस्थळावर सविस्तर जाहिरात जाहीर नोटीसप्रमाणे इच्छुक कंपनीस देखील दरपत्रक मोहोरवंद लिफाफा सादर करण्याची मुभा देण्यात येत आहे.
- ३) यंत्राची किंमत लागू असलेल्या (GST) सर्व करांसहित, Door Delivery, वस्तुच्या स्थापत्यासहित एकूण किंमत नमुद करावी.

- १५) यंत्राचा पुरवठा:- (Delivery):- पुरवठा आदेश निर्गमित झाल्याच्या दिनांकापासून (३०) दिवसांत वस्तु/यंत्रसामुग्री/उपकरण/साधनसामुग्रीचा पुरवठा करण्यात यावा. विहित मुदतीत पुरवठा करून वस्तु/यंत्रसामुग्री /उपकरण/साधनसामुग्री प्रस्थापित व कार्यान्वित न केल्यास होणाऱ्या विलंबास होणाऱ्या विलंबास नियमानुसार दंडात्मक कार्यवाही करण्यात येईल.
- १६) देयकाची अदायगी :- (Payment):- पुरवठा करण्यात आलेले वस्तु/यंत्रसामुग्री/उपकरण/साधनसामुग्री समाधानकारकरित्या प्रस्थापित व कार्यान्वित करून दिल्यानंतर, विनिर्दिष्टानुसार व उत्कृष्ट दर्जाचे/गुणवत्तेची असल्याबाबत संबंधित विभाग तथा संस्थेतील तांत्रिक समिती यांचेकडून स्वतंत्र अहवाल कार्यालयास प्राप्त झाल्यानंतरच ९० टक्के रक्कम अदायगी करण्याची कार्यवाही करण्यात येईल तसेच उर्वरित १० टक्के रक्कम वस्तु/यंत्रसामुग्री/उपकरण/साधनसामुग्री कार्यान्वित झाल्यापासून तीस (३०) दिवसांच्या कालावधीपर्यंत संबंधित विभागाने यंत्राचे उपयोगिता प्रमाणपत्र प्राप्त झाल्यानंतर तसेच पुरवठा आदेशातील सर्व अटी व शर्तीनुसार संपुर्ण दस्तऐवजांची पूर्तता केल्यानंतरच उर्वरित रक्कम अदा करणेत येईल.
- १७) प्रशिक्षण (Training) आणि यंत्राचे श्रेणीवर्धन (Upgrades) :- यशस्वी दरपत्रकधारकास विभागातील किमान दोन अधिकारी व व कर्मचाऱ्यांना सदर वस्तु/यंत्रसामुग्री/उपकरण/साधनसामुग्री निःशुल्क प्रशिक्षण (Training) देणे बंधनकारक राहिल. तसेच साफ्टवेअरमध्ये वेळोवेळी बदल झाल्यास ते निःशुल्क पुरविणे बंधनकारक राहिल.
- १८) यंत्राचा पुरवठा आदेश दिल्यानंतर दरपत्रक तसेच पुरवठा आदेशातील अटी व शर्तीनुसार यंत्राचा पुरवठा विहित मुदतीत करणे बंधनकारक राहिल. विहित मुदतीत पुरवठा न केल्यास द्वितीय न्यूनतम दरपत्रकधारकास पुरवठा आदेश देण्यात येतील.
- १९) अपवादात्मक परिस्थितीमुळे उक्त कोणत्याही अटीत आवश्यकतेनुसार अंशतः बदल करणे, अथवा प्राप्त झालेली दरपत्रके कोणतेही कारण न देता स्विकारणे/नाकारणे तसेच कोणत्याही स्तरावर खरेदीप्रक्रिया रद्द करणे इ. अधिकार संस्थाप्रमुख (अधिष्ठाता) यांनी राखून ठेवलेले आहेत.



अधिष्ठाता
शासकीय वैद्यकीय महाविद्यालय,
वारामती

प्रत:-संस्थेचे सूचना फलक / संकेतस्थळ जाहीर नोटीस शा.वै.म.वारामती.
प्रत :-सर्व संबंधित प्राध्यापक व विभागप्रमुख यांना माहितीस्तव.

GR Item No.	यंत्रसामुग्रीचे नाव	नग संख्या
<u>बधिरीकरणशास्त्र</u>		
12	मिलेर लॅरिगोस्कोप	2
<u>जीवरसायनशास्त्र</u>		
3	सेन्ट्रीफुज मशीन	2
4	वाटर बाथ	1
7	रेफ्रीजरेटर/ट्रेन्सचीलर	1
8	मायक्रोपिपेट	
	फिक्स व्हॅल्युम 20, 50, 100, 200, 500, 1000 लीटर	एकुण १२(प्रत्येकी २)
	व्हेरीव्हेल व्हॅल्युम 02-20 लिटर, 10-100 लीटर, 100-200 लीटर, 500-1000 लीटर	एकुण ८(प्रत्येकी २)
9	मायक्रोपिपेट टीप्स	10000 (5000 small, 5000 Large)
<u>कान - नाक - घसाशास्त्र</u>		
12	नोज सर्जरी सेट	2
<u>स्त्रीरोग व प्रसुतीशास्त्र विभाग</u>		
12	ग्लुकोमीटर	2
24	रिसेक्शन ट्रे	5
25	व्हीजनल हायमेट्रोमी सेट	2
28	व्हीसेक्शन सेट	2
31	आयरेक स्पाटुला अण्ड सायटोव्रथ	100
32	सायटोलॉजी कपलीन जार	12
<u>नेत्रशल्यचिकित्साशास्त्र विभाग</u>		
7	ट्रायल लेन्स सेट विथ फ्रेम	1
<u>अस्थिव्यंगोपचारशास्त्र विभाग</u>		
11	व्हॅल्व डीस्टल रेड्युस प्लेट (एसएस एलव्हीएम) 298540	1
20	प्लास्टर रुम एक्ज्युपमेंट (सेटम) विथ प्लॅस्टीक टेबल	2
24	गोनीओमीटर	8
25	पीनेमॅटीक टॉनिक्ीट	1
35	ट्रेसिंग ड्रम	1
<u>त्वचा व गुप्तरोगशास्त्र विभाग</u>		
1	रेडीओफ्रीक्वेन्सी युनीट (3.8Mhz)	1
6	क्रायोजन	1
7	देव्वाय टॅन्क फॉर क्रायोजन	1
8	स्टेन्स (सेडगान स्टेन्स, जेम्मा स्टेन्स)	2

औषधवैद्यकशास्त्र		
29	रबर हॅमर	10
31	मेजरिंग टेप	14

	शरीरविकृती शास्त्रविभाग	नग संख्या
2	मेन्ट्रीफयुज	1
3	कलरीमीटर फोटोइलेक्ट्रीक	1
4	रेफ्रीजरेटर लॅब	1
5	मायक्रोस्कोप बायनॅक्युलर	2
6	हॉट एअर ओहन	1
7	स्टॉप वॉच (डीजीटल टायमर)	2
8	ब्लड कलेक्शन चेअर/कोच	4
9	बीपी ऑपरेटम	1
10	व्होल्टेज स्टॅबिलायझर विथ वॉटरी बॅकप	2
सुक्ष्मजीवशास्त्र विभाग		
1	बायनाक्युलर मायक्रोस्कोप	1
2	व्हीडीआरएल शाकेर १	1
3	वायोसेफटी कॅबिनेट २ ए (एमएफआय बीएससी 2 फिट* 2फिट* २फीट)	1
4	वॅक्युम रिवालांजीकल इन्क्युबेटर डीजीटल (37 अंश सेल्सीअस) (18*18*18 इन्च एस एस)	1
5	व्हाइटेक्स मिक्शचर	1
6	डिस्टील वॉटर फ्लॅन्ट 4 लीटर कॅपिसिटी (ग्लास)	1
7	मेन्ट्रीफयुज (डीजीटल 12 टयुव कॅपीमीटी)	1
8	रिफ्रीजरेटर	1
9	हॉट एअर ओव्होन (इन्च लिनिंग 18*18*18 स्टेनलेस स्टील)	1
10	वॉटरवाथ विथ व्हेरिअबल टेम्प्रेचर	1
11	ट्रान्सचिलर 325 लिटर ब्लयु स्टार	1
12	मायक्रोपिपेटम -मल्टी चॅनल 50-300	1
13	मायक्रोपिपेटस सिंगल चॅनल, व्हेरिअबल वॉल्युम 0.1-10, 10-100, 100-1000, 20-200, 5-50	5
14	ऑटोकलेव्ह (व्ही) डबल ड्रम एस एस 16 इंच डॅक्स 24 इंच एचटी	1
15	डीजीटल थर्मामीटर ऑफ डिफ्रन्ट टेम्प्रेचर	4
16	व्होल्टेज स्टॅबिलायझर विथ वॉटरी बॅकप	1
17	लूप स्टॅबिलायझर	1

ITEM NO 12: MILLER LARYNGSCOPE

Laryngoscope with Miller blade

Stainless steel

57 mm, 60 mm, 75 mm, 102 mm, 153mm, 195 mm, 205 mm miller blades



PROFESSOR AND HEAD
Dept. of Anesthesiology
Govt. Medical College and
General Hospital, Baramati, Dist-Pune

DEAN
GOVERNMENT MEDICAL COLLEGE
AND GENERAL HOSPITAL
BARAMATI, DISTRICT-PUNE

DEPARTMENT O. O- CHEMISTRY

ITEM NO 3 : CENTRIFUGE

RESILENTLY MOUNTED MOTORS

VIBRATION FREE PERFORMANCE

5 STEP SPEED REGULATOR

SWING OUT ROTOR

Medico centrifuge max. speed 4000 rpm with brushless induction motor, frequency drive, LED display of speed and time, safety lid lock, imbalance detector, dynamic brake supplied without rotors and accessories

Swing out rotor suitable for 8 tubes of 15ml (supplied with glass tubes)

for

PROFESSOR AND HEAD
Dept. of Biochemistry
Govt. Medical College,
Baramatti, Dist- Pune

[Signature]

DEAN
GOVERNMENT MEDICAL COLLEGE
AND GENERAL HOSPITAL
BARAMATTI, DISTRICT-PUNE

ITEM NO 4 : LABORATORY WATER BATH

Name of the Equipment	Micro Controller based Laboratory Water Bath		
Control System	Micro controller based temperature indicator cum controller with digital display and PT 100 sensor.		
Alarm	Audio Visual Alarm: if the temperature deviates from the preset temperature		
Display	Set Value and Process Value		
Insulation	3" Thick CFC free PUF Insulation.		
Other	Castor wheels, MCB,		
Power	Works on 230 V AC single phase 50Hz		
Safety Features	Password protected Keypad lock.		
Certifications	ISO 9001: 2008 , ISO 13485 : 2012		
Documentations	Should provide IQ, OQ, PQ documents with Material Test Certificates and Calibration reports		
<u>Standard Models: Inner S stainless steel 316, 0.8 mm & Outer mild steel, 1.0 mm powder coated</u>			
Catalogue Numbers	Internal Size (LxWxH) cms	External Size (LxWxH) cms	Bath Volume (ltrs)
	29 x 32 x 15	38 x 60 x 25	14
			Temperature Range(°C)
			RT + 5 to 100
			Accuracy (°C)
			±0.5

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PROFESSOR AND HEAD
 Dept. of Biochemistry
 Govt. Medical College,
 Baramati, Dist- Pune

Handwritten signature
DEAN
 GOVERNMENT MEDICAL COLLEGE
 AND GENERAL HOSPITAL
 BARAMATI, DISTRICT-PUNE

(17)

5100 C Company

TRANS CHILLER

It is a refrigerated mobile transport box for easy & safe transfer of temperature sensitive biological products.

It provides active temperature control with a compact powerful compressor. The flexibility of operations with options of AC / DC power makes it an ideal choice in maintaining cold chain on the move.

The wide temperature setting range supports requirement of different products. The display & alarm system control helps in continuous monitoring of temperature.

SALIENT FEATURES

- Digital display of temperature
- High / low temperature alarm
- Wide temperature range (-20°C to +24°C)
- CFC Free Refrigerant R134a
- Lockable castor wheels with recessed handle
- SS Hinges & Pad lockable door latch for easy closure of lid

Technical Specifications	
Dimension (L x W x H)	mm 500 x 825 x 635
Basket Shelves	3 Nos One small & two regular baskets
Capacity	Ltr 100
Weight	Kg 30
Temperature range	OC -20°C to + 24°C
Voltage	V DC : 12 / 24 V
Body Construct	Powder coated CRCA Steel exterior & AL inner lining

to

DEAN
GOVERNMENT MEDICAL COLLEGE
AND GENERAL HOSPITAL
BARAMATI, DISTRICT-PUNE

Biochemistry

Item No 8

MICROPIPETS

<u>FIXED VOLUME</u>	
20 µl	2Nos
50 µl	2Nos
100 µl	2Nos
200 µl	2Nos
500 µl	2Nos
1000 µl	2Nos
<u>VARIABLE VOLUME</u>	
02-20 µl	2Nos
10-100 µl	2Nos
100-200 µl	2Nos
500-1000 µl	2Nos



Handwritten scribble or signature.

[Signature]
 DEAN COLLEGE
 GOVERNMENT MEDICAL HOSPITAL
 AND GENERAL HOSPITAL
 BARANATI, DISTRICT-PUNE

(X)

2

MICROPIPET TIPS


SMALL 1000 NOS

BIG 5000 NOS

Biochemistry

Item No 9

for


DEAN
MEDICAL COLLEGE
GOVERNMENT MEDICAL HOSPITAL
AND GENERAL HOSPITAL
BARAMATI, DISTRICT-PUNE

DEPARTMENT OF ENT

ITEM NO 12 SPECIFICATIONS FOR ENDOSCOPIC NOSE SURGERY INSTRUMENTS

Nose surgery instruments set should include the following instruments

1. Forceps, Septum Straightening. Ald. Jaws. Asch. 22cm/8.75".
2. Forceps, Septum Straightening. Universal. Walsham. 23cm/9".
3. Speculae, Nasal. St. Clair Thomson. Set of 4. 9cm.
4. Speculum, Nasal. Killian. 90mm. 15cm/6".
5. Forceps, Septum Straightening. Ald. Jaws. Asch. 22cm/8.75".
6. Forceps, Septum Straightening. Universal. Walsham. 23cm/9".
7. Speculae, Nasal. St. Clair Thomson. Set of 4. 9cm.
8. Speculum, Nasal. Killian. 90mm. 15cm/6".
9. Forceps, Septum Straightening. Ald. Jaws. Asch. 22cm/8.75".
10. Forceps, Septum Straightening. Universal. Walsham. 23cm/9".
11. Speculae, Nasal. St. Clair Thomson. Set of 4. 9cm.
12. Speculum, Nasal. Killian. 90mm. 15cm/6".
13. Forceps, Septum Straightening. Ald. Jaws. Asch. 22cm/8.75".
14. Forceps, Septum Straightening. Universal. Walsham. 23cm/9".
15. Speculae, Nasal. St. Clair Thomson. Set of 4. 9cm.
16. Speculum, Nasal. Killian. 90mm. 15cm/6".
17. Forceps, Septum Straightening. Ald. Jaws. Asch. 22cm/8.75".
18. Forceps, Septum Straightening. Universal. Walsham. 23cm/9".
19. Speculae, Nasal. St. Clair Thomson. Set of 4. 9cm.
20. Speculum, Nasal. Killian. 90mm. 15cm/6".
21. Forceps, Septum Straightening. Ald. Jaws. Asch. 22cm/8.75".
22. Forceps, Septum Straightening. Universal. Walsham. 23cm/9".
23. Speculae, Nasal. St. Clair Thomson. Set of 4. 9cm.
24. Speculum, Nasal. Killian. 90mm. 15cm/6".
25. Forceps, Septum Straightening. Ald. Jaws. Asch. 22cm/8.75".
26. Forceps, Septum Straightening. Universal. Walsham. 23cm/9".

All instruments should be of high quality,

Instruments should be international CE/USFDA certified.

It should have minimum 2 years of warranty and from single parent company.

Instruments should be Autoclave able and rust free with easy to use.

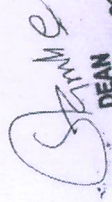
All the Instrument set should be provided with Autoclave able and rust free container.



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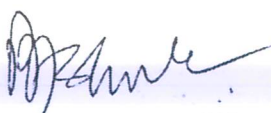
ITEM NO 12:GLUCOMETER

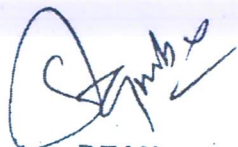
Glucometer

Of Appropriate ISO Standard

with

Measurement Range	0.6 mmol/L to 33.3 mmol/L
Display	96 segments LCD display with symbols
Storage	Without battery -25 degree C to +70 degree C (-13 degree F to +158 degree F)
Battery Life	Approx. 1000 tests or one year
Data Transfer	Via USB interface (with Micro-USB cable)
Dimensions	About 97.8 x 46.8 x 19.1 mm
Operating Relative Humidity	Up to 85 % relative humidity
Test Sample	1 to 2 uL
Operating Temperature	+8 degree C to +42 degree C (+46 degree F to +107 degree F)
Weight	about 50 g
Measuring time	5 sec (blood application with test strip within the meter) and 8 sec (blood application on
Memory capacity	Up to 500 measurements with date and time
Auto Power Off	30 or 90 seconds according to operating status
Battery Type	1 battery
Underdosing Detection	Yes
Measuring Principle	Photometric end-point
Test Averages	7, 14, 30, 90 days


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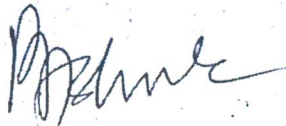

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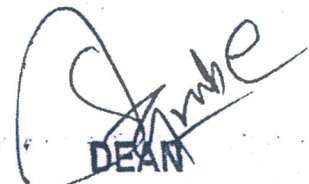
ITEM NO 24: RESUSCITATION TRAY

Set for resuscitation of adult female patient including-

Ambu bag with anatomical face mask (medium 1, large), reservoir bag & accessories-1 set	
Miller's Laryngoscope	1
Airways - medium & large	1 each
Stilette	1
Magill's forceps	1
Endotracheal Tubes 6, 6 ½ , 7 Size	1 each
Tracheostomy Tube 6, 6 ½ size	1 each
Subcutaneous Tracheostomy set	1
Kit bag of suitable size	1
SS 304 grade tray with lid, Size 8 " x 10" Made from 0.6 mm thick SS sheet and completely die presses (joint less)	1



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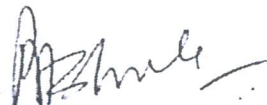


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ITEM NO 25: VAGINAL HYSTRECTOMY SET

B.P.HANDLE NO.3	2 NOS
FEMALE METAL URETHRAL CATHETER	1 NO
UTERINE SOUND	1 NO
BLADDER SOUND	1 NO
OPERTING SCISSOR CVD SH/BL 15cm/6"	1 NO
MAYO SCISSOR ST 17cm/7"	1 NO
MAYO SCISSOR CVD 17cm/7"	2 NOS
METZENBAUM-SCISSOR CVD 17.5cm/7"	4 NOS
CRILE ARTERY FORCEPS CVD 16cm/6¼"	6 NOS
KOCHER FORCEPS (OCHSNER) ST 15cm/ 6"	6 NOS
LAHEY FORCEPS 19cm/7½"	2 NOS
MAINGOT FORCEPS ST 20cm/8"	4 NOS
MAINGOT FORCEPS CVD 20cm/8"	4 NOS
STANDARD DISSECTING FORCEPS PLAIN 15cm/6"	2 NOS
STANDARD DISSECTING FORCEPS TOOTH 15cm/6"	2 NOS
RUSSIAN DISSECTING TISSUE FORCEPS 20cm/8"	2 NOS
ADSON DISSECTING TISSUE FORCEPS PLAIN 12.5cm/5"	1 NO
ALLIS TISSUE HOLDING FORCEPS 20cm/8"	8 NOS
BACKHAUS TOWEL FORCEPS 12cm/5"	4 NOS
FOERSTER DRESSING HOLDING FORCEPS ST 25cm/10"	2 NOS
MAYO HEGAR NEEDLE HOLDER 16cm/ 6¼"	2 NOS
MAYO HEGAR NEEDLE HOLDER 20cm/8"	2 NOS
HEANY NEEDLE HOLDER 21cm/8¼"	2 NOS
VAGINAL RIGHT ANGLE RETRACTOR	2 NOS
BRAUN UTERINE FORCEPS 25 cm/ 10"	1 NO
TEALE UTERNIE FORCEPS 24cm/9½"	2 NOS
SIMS SPECULUM-SINGLE BLADED SET OF-04	1 NO



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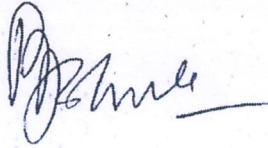
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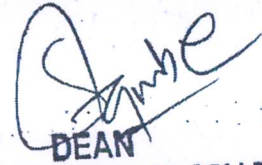
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ITEM NO 28: VENESECTION SETS

SCALPEL, NO. 10 OR NO. 11 BLADE	1 NOS
MOSQUITO FORCEPS CURVED	2 NOS
SPENCER-WELLS FORCEPS CVD 15cm/6"	2 NOS
VENESECTION/IRIS SCISSORS	1 NOS
STANDARD DISSECTING FORCEPS PLAIN 15cm/6"	1 NOS
STANDARD DISSECTING FORCEPS TOOTH 15cm/6"	1 NOS
ALLIS TISSUE HOLDING FORCEPS 15cm/6"	2 NOS
FOERSTER DRESSING HOLDING FORCEPS ST 25cm/10	1 NOS
MAYO HEGAR NEEDLE HOLDER 16cm/6¼"	1 NOS
SS TRAY FOR VENESECTION INSTRUMENTS	1 NOS
INTRAVENOUS (IV) CATHETER ADULT	
IV TUBING	



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ITEM NO 31: Ayre spatula

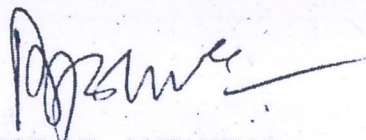
For collection of Pap smear.

- Ayre Spatula A, wooden, of Length: 18 cm

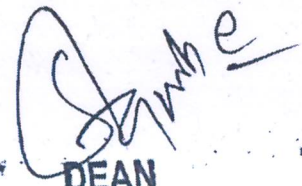
With cytobrush for endocervix sample

- Sterile

- ~~500 pieces each~~



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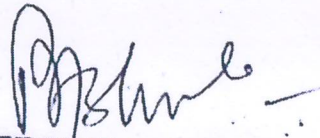
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ITEM NO 32: CYTOLOGY COPLIN JAR

Plastic / glass jar to collect the Pap smear

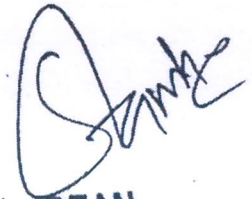
About 60 ml

Holding 5-10 slides



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DEPARTMENT OF OPHTHALMOLOGY

ITEM NO 7 TRIAL LENSE SET

Trial lens set is a kind of ophthalmology calculating apparatus, used by hospital ophthalmology and glasses shop to exam people's dioptric situation: hyperopia, myopia, presbyopia, astigmatism strabismus or color blindness.

It mainly consists of positive or negative sphere lens, positive or negative cylinder lens, prism lens and accessory lens, etc.

Disinfection: clean the lenses with alcohol or ether once a month.

Maintenance

The trial lens set has passed the quality test and should be taken good care of, prevent it from being scratched when it is used, keep it clean and dry by wiping it with soft cloth after using.

Using instruction:

Sphere Lens

The curved surface forms a part of the spherical lens and the dioptric power on all axes position is the same. After passing the lens, the light beam focuses in one point (or a virtual focus). Spherical lens includes concave lens (-) and convex lens (+), which are used to correct myopia, hyperopia and presbyopia.

Cylinder Lens

The curved surface forms a part of cylinder lens and the dioptric power on all axes positions is not the same. After passing the lens, the light beam focuses into a straight line (or a broken line). Cylindrical lens consists of concave cylindrical lens and convex cylindrical lens that are used to correct astigmatism.

Prism Lens


The tangent plain of prismatic lens shows cuneiform. After passing the lens, the light beam bends to the bottom and the object shifts to edges. This kind of lens is used to exam and correct strabismus or latent strabismus as well as to train eye-muscle.

Black Lens

This is a kind of opaque lens for covering the unexamined eye of the examinee in a dark room.

Cross Lens

There are two mutual vertical lines on the plane lens, used for looking at the distance and measuring interocular distance.


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Frosted Lens

This is a kind of half-transparent cover lens which mainly replaces black lens for baby or outdoor activity.

Slit Lens

In its centre, there is a slit, through which light beam can pass while it can not pass the other part of the lens. By turning this lens in front of the eye, astigmatism can be examined as your vision changes in better or in worse at a certain axis position, on the contrary, it proves no existence of astigmatism if your vision has changed.

Plane Lens

This is a kind of transparent plane lens and the light beam never bends when it passes the lens. It is used to examine false blindness, etc.

Color Lens


This kind of lens has different colors: red green blue yellow and dark brown and is used to examine color sensitivity. To such person whose dioptric image is muddy (eg. a patient with cataract), the red or green lens is suitable. It also can be used for recover-vision inspection and examination of color blindness.

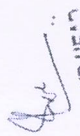
Cross Cylinder Lens

This is a kind of lens with contrary dioptric in two axis position and used to examine the degree and axis position of the cylindrical lens for determining astigmatism. When using, put the cross cylinder lens before cylindrical lens and make its one axis coincide with the axis position of cylindrical lens, then turn the cross cylinder lens 90° counter-clockwise and see the change of vision. If his vision has no change, the degree of cylindrical lens used can be considered as suitable, otherwise, the degree of cylindrical lens would be adjusted according to the variant results. In correcting the axis position, respectively put the two axes of cross cylinder lens at the right side (45°) and the left side (45°) of primary test axis of cylindrical lens, then turn it under-clockwise and see differences of vision at two positions. If vision on one position is better than that on another position, the axis of cylindrical lens can be slightly turned in the direction of position mark of the better one, then test again by the used above, until difference of vision at two positions can hardly be distinguished, thus proving that the cylindrical lens is the correct position.

Maddox Lens

Maddox lens is a ribbed lens, made of a row of glass rods which converts a light spot into a streak, the streak is seen by the patient who is 90° away from the axis of glass rods, Maddox lens is used to measure the strength of eye muscle and for examination of latent strabismus and real strabismus. Put the Maddox lens in front of one eye, tell the patient to watch with both eyes, a light spot he watches with his bare eye is just on the line formed by the Maddox lens, the patient has neither strabismus nor latent strabismus, otherwise he has one of them, if the light spot is on either side of the


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DEPARTMENT OF OPHTHALMOLOGY

vertical line, he has horizontal strabismus, if the light spot is above or below the horizontal line, he has vertical strabismus. Then the strabismus can be cured by using a prism lens, which makes the light spot coincide with the line. The strength of the prism indicates the degree of latent or real strabismus in prism diopters.

Pinhole Lens

In its center, there is a small hole, through which light beam passes to form artificial pupil and it is used to improve diopter especially the astigmatism after wearing it.

Polariscope Lens

1.35" lens is used to inspect visual function, balance both eyes, and mix function.

* lens is used to inspect latent strabismus, stereoscopic vision, unequal vision and so on.

Lenses Contained in Kits

Sphere Lens				Cylinder Lens				Prism Lens		Accessory
Convex (+)		Concave (-)		Convex (+)		Concave (-)		list	pcs	specification
list	pcs	list	pcs	list	pcs	list	pcs	list	pcs	
0.25	2	5.25	2	0.25	2	0.25	2	0.5	2	red
0.50	2	5.50	2	0.50	2	0.50	2	1.0	1	green
0.75	2	5.75	2	0.75	2	0.75	2	2.0	1	black
1.00	2	6.00	2	1.00	2	1.00	2	3.0	1	plane
1.25	2	6.50	2	1.25	2	1.25	2	4.0	1	maadox
1.50	2	7.00	2	1.50	2	1.50	2	5.0	1	silt
1.75	2	7.50	2	1.75	2	1.75	2	6.0	1	polari scope
2.00	2	8.00	2	2.00	2	2.00	2	7.0	1	cross
2.25	2	8.50	2	2.25	2	2.25	2	8.0	1	frosted
2.50	2	9.00	2	2.50	2	2.50	2	9.0	1	pinhole
2.75	2	9.50	2	2.75	2	2.75	2	10.0	1	
3.00	2	10.00	2	3.00	2	3.00	2			
3.25	2	11.00	2	3.25	2	3.25	2			
3.50	2	12.00	2	3.50	2	3.50	2			
3.75	2	13.00	2	3.75	2	3.75	2			
4.00	2	14.00	2	4.00	2	4.00	2			

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4.25	2	15.00	2	4.25	2	15.00	2	4.50	2	4.50	2
4.50	2	16.00	2	4.50	2	16.00	2	5.00	2	5.00	2
4.75	2	18.00	2	4.75	2	18.00	2	5.50	2	5.50	2
5.00	2	20.00	2	5.00	2	20.00	2	6.00	2	6.00	2

Sue

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Ortho

11 12A. volar distal Redaus plate (ss LVM)

Part name	Qty.
Titanium T3Lox LCPs	
Titanium lcp dorsal distal radius plate 2.4, straight, 5 holes	1
Titanium lcp dorsal distal radius plate 2.4, straight, 6 holes	1
Titanium lcp dorsal L distal radius plate 2.4, left angled, shaft 3 holes, head 2 holes	1
Titanium lcp dorsal L distal radius plate 2.4, left angled, shaft 4 holes, head 2 holes	1
Titanium lcp dorsal L distal radius plate 2.4, right angled, shaft 3 holes, head 2 holes	1
Titanium lcp dorsal L distal radius plate 2.4, right angled, shaft 4 holes, head 2 holes	1
Titanium lcp dorsal L distal radius plate 2.4, left angled, shaft 3 holes, head 3 holes	1
Titanium lcp dorsal L distal radius plate 2.4, left angled, shaft 4 holes, head 3 holes	1
Titanium lcp dorsal L distal radius plate 2.4, right angled, shaft 3 holes, head 3 holes	1
Titanium lcp dorsal L distal radius plate 2.4, right angled, shaft 4 holes, head 3 holes	1
Titanium lcp dorsal L distal radius plate 2.4, oblique, left angled, shaft 3 holes, head 3 holes	1
Titanium lcp dorsal L distal radius plate 2.4, oblique, left angled, shaft 4 holes, head 3 holes	1
Titanium lcp dorsal I distal radius plate 2.4, oblique, right angled, shaft 3 holes, head 3 holes	1
Titanium lcp dorsal I distal radius plate 2.4, oblique, right angled, shaft 4 holes, head 3 holes	1
Titanium lcp dorsal T distal radius plate 2.4, shaft 3 holes, head 3 holes	1
Titanium lcp dorsal T distal radius plate 2.4, shaft 4 holes, head 3 holes	1
Titanium lcp volar distal radius plate 2.4, left ,shaft 3 holes , head 5 holes	1
Titanium lcp volar distal radius plate 2.4, left ,shaft 5 holes , head 5 holes	1
Titanium lcp volar distal radius plate 2.4, right ,shaft 3 holes , head 5 holes	1
Titanium lcp volar distal radius plate 2.4, right ,shaft 5 holes , head 5 holes	1

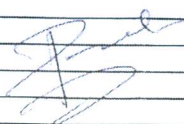
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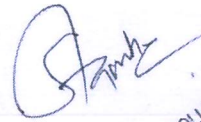
Titanium lcp volar distal radius plate 2.4 , extraarticular , left,shaft 3 holes , head 5 holes	1
Titanium lcp volar distal radius plate 2.4 , extraarticular , left,shaft 5 holes , head 5 holes	1
Titanium lcp volar distal radius plate 2.4 , extraarticular , right ,shaft 3 holes , head 5 holes	1
Titanium lcp volar distal radius plate 2.4 , extraarticular , right,shaft 5 holes , head 5 holes	1
Titanium lcp volar distal radius plate 2.4 , extraarticular , left ,shaft 3 holes , head 4 holes	1
Titanium lcp volar distal radius plate 2.4 , extraarticular , left ,shaft 5 holes , head 4 holes	1
Titanium lcp volar distal radius plate 2.4 , extraarticular , right ,shaft 3 holes , head 4 holes	1
Titanium lcp volar distal radius plate 2.4 , extraarticular , right ,shaft 5 holes , head 4 holes	1
Titanium optional : lcp volar butterss plate, 2.4, left,shaft 3 holes , head 5 holes	1
Titanium optional : lcp volar butterss plate, 2.4, right,shaft 3 holes , head 5 holes	1
Titanium Locking Screw self tapping Ø 2.4 X 6 mm	4
Titanium Locking Screw self tapping Ø 2.4 X 8 mm	4
Titanium Locking Screw self tapping Ø2.4 X 10 mm	4
Titanium Locking Screw self tapping Ø2.4 X 12 mm	4
Titanium Locking Screw self tapping Ø2.4 X 14 mm	4
Titanium Locking Screw self tapping Ø2.4 X 16 mm	4
Titanium Locking Screw self tapping Ø2.4 X 18 mm	4
Titanium Locking Screw self tapping Ø2.4 X 20 mm	4
Titanium Locking Screw self tapping Ø2.4 X 22 mm	4
Titanium Locking Screw self tapping Ø2.4 X 24 mm	4
Titanium Locking Screw self tapping Ø2.4 X 26 mm	4
Titanium Locking Screw self tapping Ø2.4 X 28 mm	4
Titanium Locking Screw self tapping Ø2.4 X 30 mm	4
Titanium Self Tapping Cortical Screws Len 6 mm * Dia 2.4 mm	4
Titanium Self Tapping Cortical Screws Len 8 mm * Dia 2.4 mm	4
Titanium Self Tapping Cortical Screws Len 10 mm * Dia 2.4 mm	4
Titanium Self Tapping Cortical Screws Len 12 mm * Dia 2.4 mm	4
Titanium Self Tapping Cortical Screws Len 14 mm * Dia 2.4 mm	4


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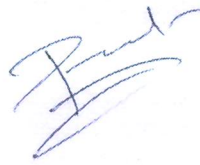


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Titanium Self Tapping Cortical Screws Len 16 mm * Dia 2.4 mm	4
Titanium Self Tapping Cortical Screws Len 18 mm * Dia 2.4 mm	4
Titanium Self Tapping Cortical Screws Len 20 mm * Dia 2.4 mm	4
Titanium Self Tapping Cortical Screws Len 22 mm * Dia 2.4 mm	4
Titanium Self Tapping Cortical Screws Len 24 mm * Dia 2.4 mm	4
Titanium Self Tapping Cortical Screws Len 26 mm * Dia 2.4 mm	4
Titanium Self Tapping Cortical Screws Len 28 mm * Dia 2.4 mm	4
Titanium Self Tapping Cortical Screws Len 30 mm * Dia 2.4 mm	4



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DEPARTMENT OF ORTHO

Item No 20

Plaster Room Equipment (Sets) with Plastic Table

1. Heavy-Duty Scissors for Plaster (Shears). Must be atraumatic and have Perfect Cutting edges. One blade : Serrated. Length : 23.5cm
2. Plaster Cast Spreader, Martensitic Steel, Length 27 cm conforms to ISO standard
3. Plaster Table Complete Stainless Steel Construction, Top Section with 6 Movable Panels. Dimensions 180x65x80cm. Container (for Fluid and Waste) Adjustable at any panel.


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MUMBAI


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Barabarh, Dist- Pune

ortho

JH000
NO. 24

GONIOMETER

STAINLESS STEEL WITH CLEARLY MARKED DEGREE EASY TO READ CMS AND INCHES

LATEX FREE

FINGER GONIOMETER 3.5"

ROBINSON POCKET GONIOMETER 7" 180 DEGREE IN 5 INCREMENT 4" LINEAR SCALE, AND 10 CMS SCALE ON ARM

GONIOMETER 7.5" LONG, 180 DEGREE. TWO OPPOSITE SCALES MARKED IN 1 DEGREE INCREMENTS. EXTRA LONG ARMS. NON LOCKING FRICTION ARM.

GONIOMETER 14" LONG 360 DEGREE. 180 DEGREE TWO OPPOSITE SCALES MARKED IN 1 DEGREE INCREMENT. NON LOCKING FRICTION ARM.

GONIOMETER 14" LONG 360 DEGREE. ONE 360 AND ONE 180 DEGREE CALES THAT READ IN OPPOSITE DIRECTION. ALL MARKED IN 1 DEGREE INCREMENT. LOCKING ARM, KNURLED KNOB ADJUSTS TENSION ARM.

X RAY GONIOMETER 8" LONG 180 DEGREE. DOCUMENT ANGLES TWO OPPOSITE SCALES MARKED IN 2.5 DEGREE. BLACK ALUMINIUM EASY TO READ

[Handwritten signature]
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BARAMATLA, DISTRICT: PUNE

25 TOURNIQUET Item No 25

	DESCRIPTION OF PRODUCT	QTY
1	1 Intelligent Tourniquet 2001 (AC-With out battery back-up)	1
<i>along with following single cuffs</i>		
A	Single Cuff for Child 5x30 (WxL)	1
B	Single Cuff for Long Arm 7x46 (WxL)	1
C	Single Cuff for Long Leg 10x76 (WxL)	1

TECHNICAL SPECIFICATIONS

Control Micro computerized cuff pressure Control

Inflation Air Source Internal air Compressor

Cuff Pressure Adjustable 100 to 450 mmHg.

Preset Resolution 10 mmHg.

Accuracy Max. + 5%

Displays - 3 digit Pre-selected pressure.
- 3 digit-Clock- Elapsed time
- Green led for Inflate & Red led for Deflate

Push Button Functions Preset pressure for each separately. Inflate/ Deflate-cuffs 1
2, Deflate - cuff 1 & 2

Clock Elapsed Time - 0.00 - 3.00 hours.

Counter - Reset at deflate mode.

Alarms Pressure Sensor Setting
1. Cuff pressure is out of range > than 30 sec. after initial start.
2. Cuff pressure is out of range > than 11 sec. during operation.
3. After elapsed time of 30 min. & every 30 min. thereafter.
4. 3 beeps - 9 min. prior to set time.
5. Deflate mode Cuff pressure is higher than 20mm Hg 15 sec. after deflate mode is activated.

Power Consumption 200 W

Voltage Source 230 VAC, 50 Hz

Weight 7.5 kg.

Dimensions 290 (w) x 110 (h) x 260 (d) mm

Note : Specifications are subject to change without notice.

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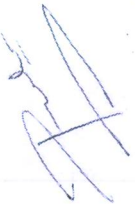
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ITEM NO 35: DRESSING DRUMS

Heavy duty.

SIZE: 11" DIA x 9" ht (275 x 225mm)

Thickness: Standard Gauge (0.45 to 0.5mm)



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skin & vld.

ITEM NO 1: RADIO DREQUENCY UNIT

- Power input: 230volts±5%
- Frequency 3MHz
- Hf: 18cc or 100watts on 100 ohm load
- Hf: Monopolar 150watts on 400ohm load
- Duration: 100Watts on 1000ohm

Prof. S. S. Patil

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ITEM NO 6: CYROGUN

LNC treatment requires only about one-third the time by CO2 snow or oxide system (Regular cryo gun) to achieve the appropriate degree of freezing because of the relative temperatures (-196 degrees C when compared with -79 degrees C)

Liquid nitrogen can be applied directly by spraying the gun

It is convenient to arrange a freezing session on a specific day and can be treated on any number of patients on the same day

No form of anaesthesia is required for freezing, it can be carried out single-handed and no scarring results

Liquid nitrogen treatment can be done most conveniently and economically and usually arrange to have the container (cryo-can) filled at a local hospital, laboratory or even a factory, milk dairy as liquid nitrogen now-a-days is widely used for many purposes and small quantities (350ml) works out at no cost

Prof. S. S. Joshi

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ITEM NO: 7 CRYOCAN FOR CRYO GUN

1.5 LTS CAPACITY

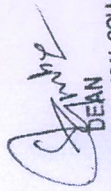
ALUMINIUM

Working Pressure: 5-6 Mpa

Temperature: 196 Deg C

P. G. Rao

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BARAMATI, DISTRICT-PUNE

ITEM NO: 8 ZN STAIN/ GIEMSA STAIN

SUPPLY ZN T STAIN/ GIEMSA STAIN 1 NOS

Dr. G. S. Patil

PROFESSOR AND HEAD

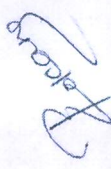
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Govt. Medical College and
General Hospital Baramati, Dist. Pune

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ITEM NO: 9 KOH 10% - 30 ml

POTASSIUM HYDROXIDE 10% 30 ML 1 BOTTLE



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Item No

~~10~~

SKIN VD

100% 30 ml
70% 30 ml
30% 30 ml

100%
70%
30%

Salicylic Acid 30% & Glycolic Acid 35% - 30 ml
Trichloroacetic acid (TCA)

ITEM NO 11 CHEMICAL PEELS

Item No 11 →
Item No 10 →

Belavara

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BARAMATI, DISTRICT-PUNE

12

SUSAN

DERMATOLOGY SET

- Skin Graft Blade. Skin Graft Blade is used to remove skin grafts. ... 1
- Biopsy Punches with Plunger System. ...
- Standard Biopsy Punch. 1
- Dermatome Knife. 1
- Dermal Curette. .1
- Dermal Curette Reuseable 1
- Comedone extractor 2
- Derma Roller 1
- Derma pen 1
- Loupes - spec visor

Alvarez

PROFESSOR AND HEAD

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General Hospital Baramat, Dist. Pune

Dr. Me
GOVERNMENT MEDICAL COLLEGE
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(15)

SKIN AND

ITEM NO 13CHEMICAL PEELS

Salicylic Acid 30% & Glycolic Acid 35 % -60 ml

Dr. Karve

PROFESSOR AND HEAD

Dept. of Skin & V.D.

Govt. Medical College and

General Hospital Baramati, Dist. Pune

Dr. Karve

DEAN

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DEPARTMENT OF SURGERY

ITEM NO 9 ENDOTRACHEAL TUBES

Made of special thermo sensitive material readily conforming to body curvatures at body temperature.

Proximal end fitted with standard 15 mm connector

Radio opaque line on the tube to facilitate easy location of tube.

Provided with soft cuff based on high volume and low pressure at the distal end

Non- return valve with pilot cuff for easy assessment of the pressure in the main cuff

Murphy eye at distal end for atraumatic intubation and extubation

Size 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 7.5, 8, 8.5, 9, 9.5, 10

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M. N. N.
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BARAMATI, DISTRICT-PUNE

ITEM NO 15: EMERGENCY LIGHT

- Emergency LED Light
- Warranty: 5 months on product from date of invoice
- Over charge and deep discharge protection, recharging time 8-10 hours
- Operating time 1.5hours for strong light, 15 hours for weak light
- Number of LED: 36-pieces
- Single line LED light
- Designed with a compact and easy to use vertically and horizontally
- Built in battery 3.7V, 3000mAh
- Charging indicator

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DEPAR. DEPT OF SURGERY

ITEM NO 175 SUCTION CATHETERS

Suction Catheter (Plain) FG-14 (Pack of 30)

Atkinson
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Dr. R. S. Patil

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DEAN COLLEGE
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DEPARTMENT OF SURGERY

ITEM NO 23 PROCTOSCOPE

Proctoscopy is a common medical procedure in which an instrument called a proctoscope also known as a rectoscope, is used to examine the anal cavity, rectum, or sigmoid colon

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DEPARTMENT OF SURGERY

177

ITEM NO 52: STEEL RACK

- A. Overall Size: 72" X 36" X 12" DEEP
- B. Complete S.S.304 grade
- C. TRAY 18 SWG CRACA SHEET WITH LATERAL SUPPORT
- D. 5 TRAYS MAKING 4 COMPARTMENTS
- E. SIDES IN 30 X 30 MM SQUARE TUBE
- F. TRAYS TO BE UNIFORMLY WLEDED
- G.

Baranati

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ITEM NO 54: Saline Stand Complete

Overall Size: - 500 mm dia x 1230-2130 ht

- a) 5 legged pronged Aluminum Die Cast with nylon insert. To provide strength to IV pole
- b) IV pole Vertical S.S tube 304 grade 31.25 mm dia 1230 mm long to hold the IV rod
- c) Internal mechanism provided so that when IV locking knob is opened the IV pole does not hurt the operator and ends at least 150 mm above the IV stand
- d) Rod made from 12 mm dia S.S 304 grade tube 1000 mm long vertical and cross member of the top in 8 mm dia Solid S.S bar with double hook
- e) Fitted with five swivel, rust proof, synthetic body castors 50 mm (2") wheel diameter without brake
- f) M10 m knob provided for locking the IV rod at any desired position.
- g) Completely pretreated and powder coated

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S. J. Patil
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DEPARTMENT OF SURGERY

(51)

ITEM NO 56: SHOE RACK

- A. Overall Size: 30" X 30" X 12" DEEP
- B. Complete S.S 304 grade
- C. TRAY 18 SWG CRACA SHEET WITH LATERAL SUPPORT
- D. 3 TRAYS MAKING 2 COMPARTMENTS AND TOP
- E. SIDES IN 30 X 30 MM SQUARE TUBE
- F. TRAYS TO BE UNIFORMLY WLEDED

M. J. ...

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J. M. ...
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DEPARTMENT OF SURGERY



ITEM NO. 57; Double Step Stool

- a) Size: - 400 mm x 50 mm x 410 mm ht / 15.5" x 21.5" x 16" ht
- b) Tubular frame made from 25.4 x 25.4 x 18 SWG ERW. Tube
- c) Horizontal supports 19mm x 19mm x 18 swg ERW tube
- d) Steps to be made from CRCA sheet 18 swg press bent on all 4 sides
- e) Legs to be provided with nylon shoes
- f) Each Step to have at least 3 aluminum treads to provide grip.
- g) Finish: All components should be pretreated in separate eight tank process for better finish, good adhesion and corrosion protection. Process includes Hot Degreasing, De rusting, Activation, Phosphating & Number of Water rinses as per IS 3618 - 1966 class 'C' type and then pretreated materials is coated with epoxy powder with film thickness of 60 microns (approx.) and then oven baked at 180 degree centigrade

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DEPARTMENT OF SURGERY

CS

ITEM NO. 58; KICK BUCKET

- a) Size: 16" Dia Tubular structures
- b) Tube to 25.4 mm di asS 304 garde
- c) 14" bowl 202 grade
- d) 70 mm di anion rusting non marking castors

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Baramati, Dist- Pune

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DEPARTMENT OF SURGERY

ITEM NO 60 WASTE CARRYING TROLLEY

- A. Overall approximate dimension: 485 dia. X 930 mm ht / 19" dia x 37" ht
- B. Completely SS 304 grade
- C. Trolley made form 25.4 mm dia and 1.6 mm thick S.S 304 grade tube.
- D. Top circular ring approx. 45 mm dia.
- E. 4 nos Twin wheel 100 mm dia Non- rusting, Non marking castors all with brakes.
- F. Waste carrying container 60 lts with flip top
- G. Space Saver Design and no need of touching the Bin as it is equipped with easy swing lid.
- H. Can be used for (Wet, Dry, E Waste) garbage waste management bin with strong and durable body.
- I. Removable swing lid which rotates 360 degree, light weight, easy to lift with metal coated side handles.
- J. Swing lid minimizes the smell escaping the bin and helps to keep insects away.
- K. Color available Red, Blue, Grey, yellow

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BARAMATI, DISTRICT-PUNE

60
GENERAL SURGERY INSTRUMENTS SET

B.P HANDLE NO.3	1
B.P HANDLE NO.4	1
HEATH SUTURE SCISSOR 15 cm/6"	2
MAYO SCISSOR ST 15cm/6"	1
MAYO SCISSOR CVD 15cm/6"	2
METZENBAUM SCISSOR CVD 15cm/6"	2
METZENBAUM SCISSOR CVD 17.5cm/7"	2
KOCHER FORCEPS ST 15cm/6"	4
RIGHT ANGLE FORCEPS 15cm/6"	2
STANDARD DISSECTING FORCEPS PLAIN 15cm/6"	2
STANDARD DISSECTING FORCEPS TOOTH 15cm/6"	1
ALLIS TISSUE HOLDING FORCEPS 15cm/6"	6
BABCOCK TISSUE HOLDING FORCEPS 16cm/6½"	2
BACKHAUS TOWEL FORCEPS 12.5cm/5"	6
CHEATLE FORCEPS 25cm/10"	2
MAYO HEGAR NEEDLE HOLDER 16cm/ 6½"	2
SENN GREEN RETRACTORS 15 cm/ 6" SMALL BLADE	2
DEAVER RETRACTOR 30 cm/ 12 " 38mm	2
LAGENBECK RETRACTOR 21.5cm/8½" (25mm X 06mm)	2
DIRECTOR PROBE 15 cm/ 6"	1

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61 LAPROTOMY SET

- B.P.HANDLE NO.3 2
- B.P.HANDLE NO.4 2
- POOL SUCTION TUBES ST 10MM 22.5cm/9" 1
- YANKAUER SUCTION TUBES 28.5cm/11¼" 1
- OPERATING SCISSOR ST SH/BL 15cm/6" 1
- MAYO SCISSOR ST 18cm/7" 1
- MAYO SCISSOR CVD 18cm/7" 1
- METZENBAUM SCISSOR CVD 15cm/6" 2
- METZENBAUM SCISSOR CVD 20cm/8" 2
- MOSQUITO-HALSTEAD FORCEPS ST 12.5cm/5" 6
- MOSQUITO-HALSTEAD FORCEPS CVD 12.5cm/5" 6
- CRILE ARTERY FORCEPS ST 16cm/6¼" 6
- CRILE ARTERY FORCEPS CVD 16cm/6¼" 12
- ROCHESTER-PEAN ARTERY FORCEPS CVD 16cm/6¼" 6
- ROCHESTER-PEAN ARTERY FORCEPS CVD 20cm/8" 2
- KOCHER FORCEPS (OCHSNER) ST 15cm/6" 4
- RIGHT ANGLE FORCEPS 15cm/6" 1
- RIGHT ANGLE FORCEPS 20cm/8" 1
- RIGHT ANGLE FORCEPS 25cm/10" 1
- STANDARD DISSECTING FORCEPS PLAIN 15cm/6" 1
- STANDARD DISSECTING FORCEPS TOOTH 15cm/6" 1
- MCINDOE DISSECTING TISSUE PLAIN FORCEPS 16cm/6¼" 1
- MCINDOE DISSECTING TISSUE FORCEPS TOOTH 16cm/6¼" 1
- RUSSIAN DISSECTING TISSUE FORCEPS 20cm/8" 1
- ADSON DISSECTING TISSUE FORCEPS PLAIN 12.5cm/5" 1

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ADSON DISSECTING TISSUE FORCEPS TOOTH 12.5cm/5" 1

DEBAKEY TISSUE FORCEPS 20cm/8" 1.5mm 1

ALLIS TISSUE HOLDING FORCEPS 15cm/6" 2

ALLIS TISSUE HOLDING FORCEPS 20cm/8" 2

BABCOCK TISSUE HOLDING FORCEPS 16cm/6¼" 2

BABCOCK TISSUE HOLDING FORCEPS 20cm/8" 2

ENGL MODEL FORCEPS 9cm/3½" PLAIN 8

FOERSTER DRESSING HOLDING FORCEPS ST 25cm/10" 4

MAYO HEGAR NEEDLE HOLDER 16cm/6¼" 2

MAYO HEGAR NEEDLE HOLDER 20cm/8" 2

RICHARDSON RETRACTOR 20cm/20X25mm 1

RICHARDSON RETRACTOR 25cm/25X30mm 1

RICHARDSON RETRACTOR 38cm/38X38mm 1

KELLY RETRACTOR 27cm/10½" 160X57mm 2

DEAVER RETRACTOR 30cm/12" 38mm 1

DEAVER RETRACTOR 30cm/12" 50mm 1

WALTON RETRACTOR 25cm/10" 20mm 1

WALTON RETRACTOR 25cm/10" 25mm 1

WALTON RETRACTOR 25cm/10" 38mm 1

BALFOUR RETRACTOR 75 mm 1

US ARMY RETRACTOR (SET OF 021


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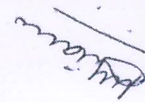
S. S. S.
DEAN

**GOVERNMENT MEDICAL COLLEGE
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BARAMATI, DISTRICT-PUNE**

62 A V FISTULA SET

B.P HANDLE NO.3	2
B.P HANDLE NO.4	1
VASCULAR SCISSOR POTTS-SMITH 19cm 45°	1
SUPER-CUT TC SCISSORS MAYO CVD 17cm/6 $\frac{3}{4}$ "	1
SUPER-CUT TC SCISSOR KILNER CVD 15cm/6"	1
MICRO HALSTEAD FORCEPS ST 12.5cm/5"	4
MICRO HALSTEAD FORCEPS CVD 12.5cm/5"	4
SPENCER-WELLS ARTERY FORCEPS CVD 15cm/6"	6
KOCHER FORCEPS (OCHSNER) ST 15cm/6"	2
MIXTER FORCEPS 16cm/6 $\frac{1}{2}$ "	2
STANDARD DISSECTING FORCEPS PLAIN 15cm/6"	2
STANDARD DISSECTING FORCEPS TOOTH 15cm/6"	2
ADSON DISSECTING TISSUE FORCEPS PLAIN 12.5cm/5" 2	
ADSON DISSECTING TISSUE FORCEPS TOOTH 12.5cm/5" 2	
ALLIS TISSUE HOLDING FORCEPS 15cm/6"	2
BACKHAUS TOWEL FORCEPS 12.5cm/5" 2	
TC MAYO HAEGER NEEDLE HOLDER 14cm/5 $\frac{1}{2}$ " 1	
TC DEBAKEY NEEDLE HOLDER 15cm 6" 2	
NEEDLE HOLDER CASTROVIEJO CVD 18cm/7" WITH LOCK 1	
TC DEBAKEY CARDIOVASCULAR NEEDLE HOLDER 7" 1	
DESMARRES RETRACTORS 14cm/5 $\frac{1}{2}$ " 11 X 14 mm 2	
GILLIES RETRACTORS 15cm/6" LONG HOOK 2	
SENN MILLER RETRACTORS 16cm/6 $\frac{1}{4}$ " SHARP 1	
SENN MILLER RETRACTORS 16cm/6 $\frac{1}{2}$ " BLUNT 1	
ALM RETRACTOR 10cm/4" 4X4 PRONG 1	


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WEITLANER RETRACTOR BLUNT 10.5cm/4 1/4" 2X3 PRONG 1

DEBAKEY BULLDOG CLAMPS ST 125mm/4 3/4" 2

DEBAKEY BULLDOG CLAMPS CVD 115mm/4 1/2" 2

DEBAKEY VASCULAR DILATORS MALLEABLE 190mm 1

Prasad

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[Signature]
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63 SUTURE REMOVAL TRAY

TRAY WITH COVER 10 X 12SS

HEATH SUTURE SCISSOR 15cm/6"

STANDARD DISSECTING FORCEPS PLAIN 15 cm/ 6"

1

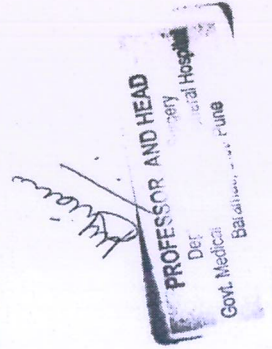
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ITEM NO 64: VASCULAR SURGERY SET

- 1 ADSON DISSECTING & TISSUE FORCEPS 12CM / 5" 1
- 2 ADSON TISSUE FORCEPS 1-2 TEETH 12CM / 5" 1
- 3 DE BAKY (2.0MM) ATTRAUMA TISSUE FORCEPS 16CM / 6 1/4" 1
- 4 FRAZIER (S.S.) SUCTION CANNULA 19CM / 7 1/2" (NO. 2) 1
- 5 FRAZIER (S.S.) SUCTION CANNULA 19CM / 7 1/2" (NO. 3) 1
- 6 POOL SUCTION CANNULA ALL SS STRAIGHT WITH OUTER TUBE TO BE SCREWED OFF
22.5CM/9" (8MM) 1
- 7 NEEDLE HOLDER - CRILE WOOD 15CM / 6" 1
- 8 NEEDLE HOLDER - CRILE WOOD 20CM / 8" 1
- 9 BULLDOG DIETHRICH DEBAKEY STRAIGHT 2
- 10 BULLDOG DIETHRICH DEBAKEY CURVED 2
- 11 DISSECTING AND LIGATURE FORCEPS - MIXTER 20CM / 8" 1
- 12 LOVE DURA DISSECTOR [NERVE ROOT RETRACTOR] 22CM/8.3/4" [NO.1] 1
- 13 WEITLANER (2:3 TEETH) SELF RETAINING RETRACTOR 10.5CM / 4 1/4" (BLUNT) 1
- 14 POTTS-DE-MARTEL DELICATE SCISSORS FINE PATTERN (VESSEL SCISSORS) 19CM / 7 1/2"
(900) 1
- 15 COOLEY-DEERA ANASTOMOSIS VASCULAR CLAMP 18CM / 7" 2



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65 IUCD TRAY

TRAY SS WITH LID 10 X 12

SPENCER-WELLS FORCEPS ST 20cm/8" 1

SPENCER-WELLS FORCEPS CVD 20cm/8" 1

FOERSTER DRESSING HOLDING FORCEPS ST 25cm/10" 1

CUSCO VAGINAL SPECULA 100X 35 mm 1

TEALE UTERINE FORCEPS 24cm/9½" 1

SIMS UTERINE SOUND (MALLEABLE) 33cm/13" 1

SIMS VAGINAL SPECULA NO.3 1

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Sharma

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AND GENERAL HOSPITAL
BARANMATI, DISTRICT-PUNE

66

RECTAL SURGERY SET

- 1 B P HANDLE NO.3
- 1 B P HANDLE NO.4
- 1 OPERATING SCISSOR ST SH/BL 15cm/6"
- 1 MAYO SCISSOR ST 20 cm/8"
- 1 MAYO SCISSOR CVD 20 cm/8"
- 1 METZENBAUM SCISSOR CVD 20cm/8"
- 6 CRILE ARTERY FORCEPS ST 16 cm/6 1/4
- 6 CRILE ARTERY FORCEPS CVD 16 cm/6 1/4
- 2 SPENCER WELLS ARTERY FORCEPS ST 20cm/8"
- 2 SPENCER WELLS ARTERY FORCEPS CVD 20cm/8"
- 2 DUVAL COLLIN TISSUE HOLDING FORCEPS 20cm/8"
- 2 STANDARD DISSECTING FORCEPS TOOTH 15cm/6"
- 1 MAYO HEGAR NEEDLE HOLDER 18 cm/7"
- 1 MAYO HEGAR NEEDLE HOLDER 18 cm/8"
- 2 ALLIS TISSUE HOLDING FORCEPS 15cm/6"
- 2 ALLIS TISSUE HOLDING FORCEPS 15cm/8"
- 6 BACKHAUS TOWEL FORCEPS 12.5 cm/5"
- 1 FRAZIER SUCTION TUBES NO-04
- 1 FRAZIER SUCTION TUBES NO-05
- 1 PRATT RECTAL 21.5 cm 8 1/2" 2 BROAD BLADE
- 3 PROTOSCOPE S.M.L
- 2 SPENCER WELLS ARTERY FORCEPS CVD 20cm/8"
- 2 DUVAL COLLIN TISSUE HOLDING FORCEPS 20 cm /8"
- 2 STANDARD DISSECTING FORCEPS TOOTH 15 cm/6"
- 1 MAYO HAGER NEEDLE HOLDER 18cm/7"

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Dept. of General Surgery, Hospital
Govt. Medical College and General Hospital
Baramati, Dist. Pune

MAYO HAGER NEEDLE HOLDER 18cm/8"	1
ALLIS TISSUE HOLDING FORCEPS 15cm/6"	2
ALLIS TISSUE HOLDING FORCEPS 15cm/8"	2
BACKHAUS TOWEL FORCEPS 12.5cm/5"	6
FRAZIER SUCTION TUBES NO 4	1
FRAZIER SUCTION TUBES NO 5	1
PRAATT RECTAL 21.5/8 1/2- BROAD BLADE	1
PROTOSCOPE S.M.L	3
DIRECOR PROBE 15cm/6"	3
CZERNY RECTAL 22.5 cm/9"	1
SPONGE DRESSING HOLDING FORCEPS ST 25cm/10"	2

Atkinson

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Sharma

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67 GENITO-URINARY SET

- 1 "Sterilizing Containers - SS 304 - Perforated with Lid -
Sizes: 18" X 12" X 4" 2
- 2 KIDNEY TRAY, 30CMS / 12" 1
- 3 KIDNEY TRAY, 20CMS / 8" 2
- 4 FOERSTER SPONGE & DRESSING FORCEPS STRAIGHT 25CM/10" 2
- 5 BACKHOUS TOWEL CLAMP 13CM / 5" 6
- 6 SCALPEL HANDEL STANDARD SOLID NO. 3 2
- 7 SCALPEL HANDEL STANDARD SOLID NO. 4 1
- 8 SCALPEL HANDEL STANDARD SOLID NO. 7 1
- 9 STANDARD TISSUE FORCEPS 1:2 TEETH 16CM / 6 1/4" 4
- 10 STANDARD TISSUE FORCEPS 1:2 TEETH 20CM / 8" 2
- 11 STANDARD DISSECTING & TISSUE FORCEPS "SERRATED" 16CM / 6 1/4" 2
- 12 STANDARD DISSECTING & TISSUE FORCEPS "SERRATED" 18CM / 7" 2
- 13 SEMKEN TISSUE FORCEPS 1:2 TEETH 15CM / 6" 2
- 14 STANDARD DISSECTING & TISSUE FORCEPS "SERRATED" 20CM / 8" 2
- 15 DE BAKEY (1.5MM) ATTRAUMA TISSUE FORCEPS 20CM / 8" 2
- 16 DE BAKEY ANGLED (2.0MM) ATTRAUMA TISSUE FORCEPS 20CM / 8" 6
- 17 HAEMOSTATIC FORCEPS - HALSTED MOSQUITO (ST.) 12.5CM / 5" 4
- 18 HAEMOSTATIC FORCEPS - HALSTED MOSQUITO (CVD.) 12.5CM / 5" 4
- 19 HAEMOSTATIC FORCEPS - SPENCER WELLS (CVD.) 15CM / 6" 6
- 20 HAEMOSTATIC FORCEPS - BABY MOSQUITO HARTMANN (CVD.) 10CM / 4" 4
- 21 TISSUE AND ORGAN HOLDING FORCEPS - ALLIS 15CM / 6" 4
- 22 TISSUE AND ORGAN HOLDING FORCEPS - ALLIS 20CM / 8" 4
- 23 MAYO HEGAR TC INSERT NEEDLE HOLDER 16CM / 6 1/4" 2
- 24 MAYO HEGAR TC INSERT NEEDLE HOLDER 18CM / 7" 2
- 25 DISSECTING AND LIGATURE FORCEPS - MIXTER 16CM / 6 1/4" 2
- 26 DISSECTING AND LIGATURE FORCEPS - MIXTER 20CM / 8" 1
- 27 SCISSORS, TENOTOMY, 12CMS / 5", TC GOLD 1
- 28 SCISSORS, TENOTOMY, 15CMS / 6", TC GOLD 1
- 29 SCISSORS, TENOTOMY, 18CMS / 7", TC GOLD 1

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 Baranatti, Dist- Pune

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- | | | | |
|----|--|--|---|
| 30 | MATZENBAUM | DISSECTING SCISSORS CURVED 18CM / 7" | 1 |
| 31 | MATZENBAUM | DISSECTING SCISSORS STRAIGHT 18CM / 7" | 1 |
| 32 | MAYO | DISSECTING SCISSORS CURVED 15CM / 6" | 1 |
| 33 | NEEDLE HOLDER - MAYO HEGAR | 18CM / 7" | 2 |
| 34 | NEEDLE HOLDER - MAYO HEGAR | 20CM / 8" | 1 |
| 35 | CUSCOS VAGINAL SPECULA STANDARD | 75 X 32MM "SMALL" | 1 |
| 36 | CUSCOS VAGINAL SPECULA STANDARD | 85 X 35MM "MEDIUM" | 1 |
| 37 | SIMS STANDARD VAGINAL SPECULA NO. 1 | | 1 |
| 38 | SIMS STANDARD VAGINAL SPECULA NO. 2 | | 1 |
| 39 | SIMS STANDARD VAGINAL SPECULA NO. 3 | | 1 |
| 40 | HEGAR BLUNT DOUBLE ENDED UTERINE DIALATOR WITH SMOOTH INSERTION TIP [SET OF TEN] 20.5CM/8" | | 1 |
| 41 | MINI LANGENBECK RETRACTOR | 16CM / 6 1/4" (10X6MM) | 4 |
| 42 | WEITLANER (3:4 TEETH) SELF RETAINING LEMINECTOMY RETRACTOR | 20CM / 8" (SHARP) | 2 |

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68
APPENDECTOMY SET

- NEEDLE HOLDER CURVED 6" 2 NOS
- Metzenbaum Scissors Curved 6" 2 NOS
- Micro Scissors Curved 1
- Standard Grasping Forceps 2 NOS
- Pointed Grasping Forceps with Spoon 1
- Artery Mixer Forceps 1
- Claw Forceps 1

Pravin
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Dep. of General Surgery
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Baramati, Dist- Pune

Shubh
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69 CVP Tray

Sr No.	Specification	Qty
1	BOWL 150mm [6"]	2
2	KIDNEY TRAY ONLY 200mm [8"]	1
3	FOERSTER SPONGE & DRESSING FORCEPS STRAIGHT 20CM/8"	1
4	NEEDLE HOLDER - CRILE WOOD 15CM / 6"	1
5	STANDARD TISSUE FORCEPS 1:2 TEETH 16CM / 6 1/4"	1
6	HEATH DELICATE SCISSORS FINE PATTERN (LIGATURE SCISSORS) 15CM / 6"	1
7	HAEMOSTATIC FORCEPS - SPENCER WELLS (CVD.) 15CM / 6"	1
8	TISSUE AND ORGAN HOLDING FORCEPS - ALLIS 15CM/ 6"	1
9	SCALPEL HANDEL STANDARD SOLID NO. 3	1
10	PERFORATED SURGICAL TRAYS, SS WITH COVER 12"X 10"	1

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70 DRESSING SET

- Mayo Scissors 6" Straight TC. 2
- Dissecting Scissors Sharp/Blunt. 2 each
- Lister Bandage Scissors 6". 2
- Stitch Scissors 6". 2
- Sponge Forceps 10". 2
- Dressing Forceps Plain 6". 2
- Dressing Forceps tooth 6". 2
- Kelly Forceps 1 Straight. 2
- Kidney tray 8". 1
- Adson Forceps 6". 2

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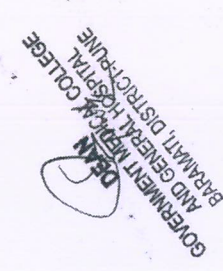
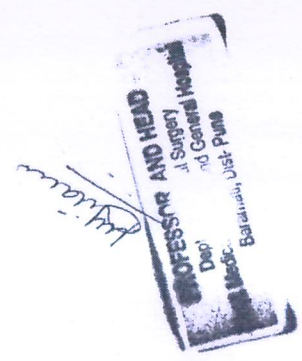
71
GENERAL SURGERY INSTRUMENTS SET

B.P HANDLE NO.3	2
B.P HANDLE NO.4	2
B.P HANDLE NO.7	2
YANKAUER SUCTION TUBES 27cm/10½"	2
HEATH SUTURE SCISSOR 15 cm/6" 2	
MAYO SCISSOR ST 15cm/6" 1	
MAYO SCISSOR ST 18cm/7" 1	
MAYO SCISSOR ST 20cm/8" 1	
MAYO SCISSOR CVD 15cm/6" 2	
MAYO SCISSOR CVD 18cm/7" 2	
MAYO SCISSOR CVD 20cm/8" 2	
METZENBAUM SCISSOR CVD 15cm/6" 2	
METZENBAUM SCISSOR CVD 17.5cm/7" 4	
METZENBAUM SCISSOR CVD 20cm/8" 4	
MOSQUITO-HALSTEAD FORCEPS CVD 12.5cm/5" 6	
CRILE ARTERY FORCEPS ST 16cm/6¼" 6	
CRILE ARTERY FORCEPS CVD 16cm/6¼" 10	
KOCHER FORCEPS (OCHSNER) ST 15cm/6" 6	
KOCHER FORCEPS (OCHSNER) ST 20cm/8" 6	
KOCHER FORCEPS (OCHSNER) CVD 15cm/6" 6	
KOCHER FORCEPS (OCHSNER) CVD 20cm/8" 6	
RIGHT ANGLE FORCEPS 15cm/6" 2	
RIGHT ANGLE FORCEPS 20cm/8" 2	
STANDARD DISSECTING FORCEPS PLAIN 15cm/6" 2	
STANDARD DISSECTING FORCEPS PLAIN 20cm/8" 1	

Dr. M. V. ...
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STANDARD DISSECTING FORCEPS TOOTH 15cm/6" 2
 STANDARD DISSECTING FORCEPS TOOTH 20cm/8" 250.00 1
 ALLIS TISSUE HOLDING FORCEPS 15cm/6" 6
 ALLIS TISSUE HOLDING FORCEPS 20cm/8" 6
 BABCOCK TISSUE HOLDING FORCEPS 16cm/6½" 2
 BABCOCK TISSUE HOLDING FORCEPS 20cm/8" 2
 BACKHAUS TOWEL FORCEPS 12.5cm/5" 6
 FOERSTER DRESSING HOLDING FORCEPS ST 25cm/10" 4
 CHEATLE FORCEPS 25cm/10" 2
 MAYO HEGAR NEEDLE HOLDER 16cm/ 6½" 2
 MAYO HEGAR NEEDLE HOLDER 18cm/7" 2
 MAYO HEGAR NEEDLE HOLDER 20cm/8" 2
 SENN GREEN RETRACTORS 15 cm/ 6" SMALL BLADE 2
 SENN GREEN RETRACTORS 15 cm/ 6" LARGE BLADE 2
 DEAVER RETRACTOR 30 cm/ 12 " 38mm 2
 DEAVER RETRACTOR 30 cm/ 12 " 50mm 2
 LAGENBECK RETRACTOR 21.5cm/8½" (25mm X 06mm) 2
 LAGENBECK RETRACTOR 21.5cm/8½" (35mm X 08mm) 2
 LISTER DIALTORS SET OF TWELVE 1
 DIRECTOR PROBE 15 cm/ 6" 1
 PERIOSTEAL ELEVATOR 2



72_Vascular Surgery

1	ADSON DISSECTING & TISSUE FORCEPS 12CM / 5"	1
2	ADSON TISSUE FORCEPS 1: 2 TEETH 12CM / 5"	1
3	DE BAKY (2.0MM) ATTRAUMA TISSUE FORCEPS 16CM / 6 1/4"	1
4	FRAZIER (S.S.) SUCTION CANNULA 19CM / 7 1/2" (NO. 2)	1
5	FRAZIER (S.S.) SUCTION CANNULA 19CM / 7 1/2" (NO. 3)	1
6	POOL SUCTION CANNULA ALL SS STRAIGHT WITH OUTER TUBE TO BE SCREWED OFF 22.5CM/9" (8MM)	1
7	NEEDLE HOLDER - CRILE WOOD 15CM / 6"	1
8	NEEDLE HOLDER - CRILE WOOD 20CM / 8"	1
9	DISSECTING AND LIGATURE FORCEPS - MIXTER 20CM / 8"	1
10	LOVE DURA DISSECTOR [NERVE ROOT RETRACTOR] 22CM/8.3/4"[NO.1]	1
11	WEITLANER (2:3 TEETH) SELF RETAINING RETRACTOR 10.5CM / 4 1/4" (BLUNT)	1
12	POTTS-DE-MARTEL DELICATE SCISSORS FINE PATTERN (VESSEL SCISSORS) 19CM / 7 1/2" (900)	1

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73 RENAL SET GENERAL

1	YANKAUER SUCTION CANNULA WITH TWO MOUTHS (ALL SS) WITH ESPECIALLY LARGE CENTRAL BORE	1
2	SCALPEL HANDEL STANDARD SOLID NO. 4	2
3	ADSON TISSUE FORCEPS 1: 2 TEETH 15CM / 6"	2
4	HAEMOSTATIC FORCEPS - LERICHE (CVD.) 15CM / 6"	2
5	TISSUE AND ORGAN HOLDING FORCEPS - TUFFIER-ALLIS (TEETH 1: 2) 15CM / 6"	2
7	TISSUE AND ORGAN HOLDING FORCEPS - BABCOCK (SMALL MOUTH DELICATE) 20CM / 8"	2
8	DOYEN RASPARTORIES ADULT 17.5CM / 7" (RIGHT)	1
9	DOYEN RASPARTORIES ADULT 17.5CM / 7" (LEFT)	1
11	PARKER RETRACTOR 13.5CM / 5 1/4" (22 X 15 / 22 X 15MM)	2
12	DEAVER RETRACTOR 30CM / 12" (1")	2
15	GIL-VERNET VEIN RETRACTOR 30CM / 12" (8MM)	2
17	STANDARD TISSUE FORCEPS 1:2 TEETH 16CM / 6 1/4"	2
18	NEEDLE HOLDER - CRILE WOOD 15CM / 6"	1
19	DE BAKY TC INSERT NEEDLE HOLDER 20CM / 8"	1
25	DEBAKEY ATRAUMA BULLDOG CLAMP CURVED 12CM / 4 3/4"	2
27	DISSECTING AND LIGATURE FORCEPS - MIXTER GEMINI (FINE DELICATE) 20CM / 8"	3

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74 WALMOON WOUND RETRACTOR WITH PRONGS

220 MM 83/4 PRONGS SEMI SHARP DEPTH 8.5 MM

Handwritten signature
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Handwritten signature
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7-5 LANGENBACK RETRACTOR

220 MM DEPTH X 40 MM WIDE

Praveen

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76 SKIN HOOKS

SS SKIN HOOKS

SIZE: 8"

At. Chow
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77 PROCTOSCOPE

SET OF SMALL MEDIUM AND LARGE

STAINLESS STEEL

Julian

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[Signature]

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78 TRACHEAL DILATOR

CURVED 6"

STAINLESS STEEL

Julian

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DEPARTMENT OF MEDICINE

ITEM NO 29: RUBBER HAMMER

Description

The hammer elicits myotatic and plantar responses with less effort and greater patient comfort.

The precisely balanced handle offers increased control of percussion force.

Thermo-plastic-rubber triangular head has beveled apex and base employed to elicit myotatic reflex.


The soft base and rounded apex is perfectly suited in provoking myotatic responses in striking precise location of tendons.


Also suited to obtain chest sounds and to percuss the abdomen.

The weighted chrome-plated handle is precisely balanced for increased control of force in the percussion.

The encircling band of handle with pin firmly secures the triangular head midway between the apex and base.

The handle is also designed with a pointed tip and brush for eliciting cutaneous and plantar reflexes.



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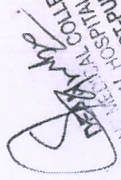

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DEPARTMENT OF MEDICINE

ITEM NO 31: MEASURING TAPE

- Measures any body part (arm, thigh, calf, chest, waist, hips and more).
- Simply pulling the measuring tape will keep the measurement locked in place.
- Retract the measuring tape by pressing the button at the center.
- Keeping track of your body measurements and progress as your muscles grow and reduce your desired shape.
- Portable retractable tape measure.
- Measurement can be taken in Centimetres and Inches.


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DEPARTMENT OF PATHOLOGY

ITEM NO 2 :CENTRIFUGE

RESENTLY MOUNTED MOTORS
VIBRATION FREE PERFORMANCE
5 STEP SPEED REGULATOR

SWING OUT ROTOR

Medico centrifuge max. speed 4000 rpm with brushless induction motor, frequency drive, LED display of speed and time, safety lid lock, imbalance detector, dynamic brake supplied without rotors and accessories

Swing out rotor suitable for 8 tubes of 15ml (supplied with glass tubes)



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ITEM NO 3: CALORIMETER PHOTOELECTRIC


KEY FEATURES

- Using Latest Microcontroller.
- Auto Zero Facility.
- Highly Stable & Accurate.
- Battery/ Mains Operated Colorimeter Also Available.
- High Std Glass Filters. 8 Filters.
- Detector: Photo Cell/Photo Diode.
- Filters: 8 Filters-400 450 490 520 540 570 620 680 nm.

PRODUCT SPECIFICATIONS

Dimensions	195x235x105 mm
Range	400 to 700 nm
Light Source	LED
Weight	2 kg
Accessories	Test Tube Set of 5, Dust Cover, Instruction Manual
Accuracy	0.01 ABS
Sample Size	1 ml
Volume	1 ml
Output	OD: 0 to 1.99
Voltage	230 V AC
Frequency	50 Hz
Display Digit	2 1/2
Item Code	312
Display	LED
Resolution	OD: 0.01


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ITEM NO 4 : LABORATORY REFRIGERATOR

Product Size Each

SALIENT FEATURES

Plastic inner chamber ; Outer body pre painted G.I.

Frost Free / Static Cooling. Energy efficient

Uniform cooling by forced air circulation

Adjustable Plastic coated wire mesh shelves

Clear product visibility with dual glass

Capacity (Litres) 400

Temperature Range 1° C ~ 10° C

Cooling Type Frost Free

No. of Door (Glass) 1

Baskets / Shelves 4

External Dimensions (mm)

Width 610

Depth 584

Height 1981



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DEPARTMENT OF PATHOLOGY

ITEM NO 5 : BINOCULAR MICROSCOPE

Binocular Microscope,
Standard microscope set
complete with Binocular head,
integrated 6V 20W halogen
light illuminator, Anti-Fungal
coated Achromatic Objectives iNEA 4x,10x,40x 100x (oil, spring), paired wide field
eyepieces 10x), Anti-fungus treatment
optics for tropical durability, Achromatic Objectives, Abbe condenser with high performance
aspheric lenses for bright & uniform illumination throughout the field of view, Window in arm for
convenient carrying & Ergonomic design for user convenience, SMPS power
supply for flicker free


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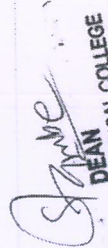



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DEPARTMENT OF PATHOLOGY

ITEM NO 6 : LABORATORY OVEN

Name of the Equipment	Micro Controller Based Laboratory Oven
Control System	Micro controller based temperature indicator cum controller with Digital display and PT 100 sensor.
Alarm	Audio visual alarm if the temperature deviates from the preset temperature
Heating System	U shaped S.S. Nichrome wire air heaters
Air Circulation	Motor and blower arrangement to have uniform of Temperature under loaded condition.
Insulation	3" Thick CFC free Glass Wool Insulation.
Trays	Specially designed solid stainless steel wire mesh trays ensure even temperature distribution
Other	MCB, Adjustable Tray Height arrangements
Power	Works on 230 V AC single phase 50Hz.
Safety feature	Additional safety thermostat to cut off the air heater in case of overshoot of temperature
Certifications	ISO 9001: 2008 and ISO 13485 : 2012
Documentation	LABTOP will provide IQ, OQ, PQ documents with Material Test Certificates And Calibration reports
SPECIFICATIONS	
Temperature Range	5 °C above ambient to 300°C
Temperature Accuracy	± 0.5°C
Capacity	90 lts
Trays	2
No of doors	Single
Internal Size:	45 x 45 x 45
External Size	66 x 71 x100


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PROFESSOR AND HEAD
 Dept. of Pathology
 Govt. Medical Coll. B.,
 Baramati Dist- Pune

DEPARTMENT OF PATHOLOGY

ITEM NO 7: DIGITAL TIMER

Digital timer/stopwatch has four channels, each of which may be used simultaneously as countup stopwatches or in any combination of countup/countdown.

You can program it to count down from 99 hours, 59 minutes, 59 seconds in 1 second increments.

Unit also displays time-of-day and has a memory.


Extra loud alarm sounds for 1 minute or can be silenced manually.


Includes magnetic back, flip-open easel for standing on the lab bench, spring fastener for clipping to a notebook and a hole for use with a lanyard.

Fits in the palm of your hand and has a 3/4 in.-high readable display from across the lab.

An ISO/IEC 17025 individually-serial-numbered Traceable® certificate is supplied to indicate instrument traceability to standards provided by N.I.S.T.

Dimensions (W x D x H): 2.87 x 0.93 x 2.6 in. Wt. 2 oz.


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ITEM NO 8 : BLOOD COLLECTION CHAIR

Luxurious Transfusion chair

Size: 90 cms x 75 cms x 110 cms
98cms 60 cms x 44 cms

Weight: 31 kgs

The fabric should be pressed PVC artificial leather
3 angle adjustable

With rotatable / removable table

With IV attachment

Pretreated and powder coated

With document basket

And lever on side to achieve chair or relax position



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ITEM NO 9: BLOOD PRESSURE APPARATUS

Mercury BP Apparatus
Used in all leading hospitals Maternity Homes
Cuff with extra Velcro fastening to get assured grip
Special cuff to cover all arm circumferences



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(10) Pathology

ONLINE UPS

Features

- True on-line topology
- Pure sine wave output
- Single phase input - Single phase output
- Built-in automatic bypass
- User friendly LCD display
- Extended runtime with external battery
- Open Type battery rack
- Battery back up for 3 hrs
- High input power factor
- Low voltage Total Harmonic Distortion (THD)
- DC start & Automatic self-diagnostic function
- Wide input voltage range & Generator compatible
- Communications capability via RS-232 or optional SNMP
- Cold Start function for starting from batteries

POWER

INPUT

Input Voltage 220VAC, Single Phase with Ground


Input Frequency 50Hz


Input Frequency Range 46Hz - 54Hz

OUTPUT

Voltage on Mains 220VAC / 230VAC \pm 2%

Frequency Synchronized 46-54Hz (Line Mode) 50Hz \pm 0.1% (Battery Mode)


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Waveform Pure Sine Wave
 Distortion <3% for Linear Load; <5% for Non Linear Load
 Power Factor 0.8
 Crest Factor 3:1

BATTERIES

Type External Battery Bank
 DC Voltage 96VDC (12V /65 AH X 8
 SMS BATTERIES)
 Recharging Time 8 Hours to 90% of full capacity after full load discharge
 Charger Type Constant Voltage & Current

EFFICIENCY

Overall > 90%
 Inverter > 92%

ALARMS & DISPLAY

Audible Alarm Battery Mode, Battery Low, Overload, Fault
 LCD Display I/P & O/P Voltage/Load Level/Battery Level/Battery Mode/AC Mode/Bypass/Fault

ENVIRONMENTAL

Ambient Operation 20%-90% Non Condensing, 0-40 deg C
 Audible Noise <60 dBA (1 mts from surface)

PHYSICAL

Input Line 1.5 mts. Line Cord



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Battery /
Input


Input

Forced Air

MCB's

Cooling


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ITEM NO ¹ : BINOCULAR MICROSCOPE

Binocular Microscope,

Standard microscope set

complete with Binocular head,

integrated 6V 20W halogen / LED

light illuminator, Anti-Fungal

coated Achromatic Objectives iNEA 4x,10x,40x 100x (oil, spring), paired wide field

eyepieces 10x), Anti-fungus treatment

optics for tropical durability, Achromatic Objectives, Abbe condenser with high performance aspheric lenses for bright & uniform illumination throughout the field of view, Window in arm for convenient carrying & Ergonomic design for user convenience, SMPS power

supply for flicker free

Provide spare bulb, cover for microscope & lens cleaning solution

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2

VDRL SHAKER

micro.

SALIENT FEATURES

- Universal platform with adjustable roller to fix the sample in micro-plate, petri-dish, glass vessels or test tubes
- Brush less motor for maintenance free operations
- Adjustable rollers to fix samples of different sizes
- Rubber cushion help in stable sample holding

Technical Specifications

Dimension (W x D x H) 270 x 260 x 125 (mm)


Platform size 7 x 11


Shaking orbit 10 mm

Countdown timer 0-99 minutes

Min speed 50 – 300 RPM

Power Supply 220-240 v, 50 Hz, Single phase


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ITEM NO 3 : Biological Safety Cabinet

Name of the Equipment	Biological Safety Cabinet
Type	CLASS II A2
Main Body	Mild steel powder coated or stainless steel
Work Zone	Completely in joint less Stainless Steel (304)
Type of Filter	HEPA filters
Efficiency	99.99 %
Particle retention	0.3 micron
Blower-motor assembly	Dynamically balanced
Static pressure measurement	Magnahelic gauge
Inflow velocity	0.53 m/s
Down flow Velocity.	0.33 m/s
Illumination of work surface	Fluorescent tube light.
Ultra violet tube light	1 no,3 feet, 30 Watt - PHILIPS - HOLLAND
Cleanliness	Class 100
Noise level	60 decibel
Air flow system	70 % of recirculation and 30% exhaust
Front Sash Door	Shattered proof Glass door
Safe opening	200 mm
Maximum opening	400 mm
Height of the stand	650 mm
Power	Works on 230 V AC single phase 50Hz.
Certification	ISO 9001: 2008 , ISO 13485 : 2012
Documentations	Should provide IQ, OQ, PQ documents with Material Test Certificates and Calibration reports
Standard Models: Outer mild steel,1.5 mm powder coated, GMP Models: Outer Stainless steel,	

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<u>304, 1mm</u>		
Cat Nos.	Description	STD Models
	Biological safety Cabinet Internal Size (WxDxH) : 60x60x60 cms (2x2x2 ft)	

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ITEM NO 4: BACTERIOLOGICAL INCUBATOR (18" x 18" x 18" in)

Control System	Micro controller based temperature indicator cum controller with Digital display and PT 100 sensor.
PC Interface	Through RS-485
Memory	500 Records
Alarm	Audio Visual Alarm if the temperature deviates from the preset temperature
Heating System	U shaped S.S. Nichrome wire air heaters
Air Circulation	Motor and blower arrangement to have uniformity of Temperature under Loaded condition.
Insulation	3 " Thick CFC free PUF Insulation.
Lighting	Interior illumination for working area.
Observation Door	Inside see through unbreakable acrylic door
Validation Port	50 mm validation Port with silicon rubber seal to insert sensors for validation purpose.
Trays	Specially designed solid stainless steel wire mesh trays ensure even temperature distribution
Other	Castor wheels, MCB, Adjustable Tray Height arrangements. Heavy duty latch with lock & key
Power	Works on 230 V AC single phase 50Hz.
Safety feature	Additional safety thermostat to cut off the air heater in case of overshoot of temperature
Certifications	ISO 9001: 2008 , ISO 13485 : 2012
Documentation	Should provide IQ, OQ, PQ documents with Material Test Certificates and Calibration reports
SPECIFICATIONS	
Temperature Range	5 °C above ambient to 60°C
Temperature Accuracy	± 0.5°C
Temperature uniformity	Better Than ± 2°C
<u>Standard Models: Inner S tainless steel 304, 0.8 mm & Outer mild steel, 1.0 mm powder coated</u>	

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Cat. Nos.	Capacity in	No. Of Trays	No. of Doors	Internal Size (cms)	External Size (cms)(WxDxH)	Standard Models
	Liters			(WxDxH)		
	100	2	Single	43x40x60	58 x 72x129	

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⑤ Micro

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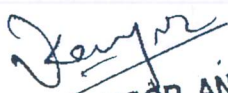
ITEM NO 6 : CYCLOMIXERS


SALIENT FEATURES

- Designed for mixing liquids in Schools, Laboratories & Factories
- Touch/ Continuous Operation mode Selection through bi-directional Switch
- Speed Regulation through knob provided on the control panel
- Interchangeable mixing heads for use with variety of tubes
- Supplied with all interchangeable mixing heads

Technical Data

Power (W) 32
Shaking Movement Orbital
Orbital Diameter (mm) 4
Motor Type Shaded-Pole Motor
Permissible ON time 100% power 30mins
Speed range (rpm) 0-2500
Run Type Continuous
Dimensions (mm) 127 x 130 x 160
Weight (kg) 2.8
Protection Class acc. To DIN 60529 IP 21 -


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ITEM NO ⁶ : WATER DISTILLATION UNIT (Glass)

Water Distillation Unit,

Specifications:

Output : 4 ltrs/hr

Distilled Water Quality

pH: 5.5 - 6.0


Conductivity: 1.0 - 2.0 μ S/cm.

Electrical Power : 220/240V, 50/60 Hz Single Phase, 3 KW

Dimensions (W x D x L) : 600x185x480 (mm)

Weight: 8kgs (app.)


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ITEM NO 7: CENTRIFUGE

RESILENTLY MOUNTED MOTORS


VIBRATION FREE PERFORMANCE

5 STEP SPEED REGULATOR

SWING OUT ROTOR

Medico centrifuge max. speed 4000 rpm with brushless induction motor, frequency drive, LED display of speed and time, safety lid lock, imbalance detector, dynamic brake supplied without rotors and accessories

12
Swing out rotor suitable for 8 tubes of 15ml (supplied with glass tubes)


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8
ITEM NO 8 : LABORATORY REFRIGERATOR

Product Size Each

SALIENT FEATURES

Plastic inner chamber ; Outer body pre painted G.I.

Frost Free / Static Cooling. Energy efficient

Uniform cooling by forced air circulation

Adjustable Plastic coated wire mesh shelves

Clear product visibility with dual glass

Capacity (Litres) 400

Temperature Range 1° C ~ 10° C (2-8°C)

Cooling Type Frost Free

No. of Door (Glass) 1

Baskets / Shelves 4


External Dimensions (mm)

Width 610

Depth 584

Height 1981

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ITEM NO 9 : LABORATORY OVEN (18" x 18" x 18")

Name of the Equipment	LABTOP® Micro Controller Based Laboratory Oven	
Control System	Micro controller based temperature indicator cum controller with Digital display and PT 100 sensor.	
Alarm	Audio visual alarm if the temperature deviates from the preset temperature	
Heating System	U shaped S.S. Nichrome wire air heaters	
Air Circulation	Motor and blower arrangement to have uniform of Temperature under loaded condition.	
Insulation	3 " Thick CFC free Glass Wool Insulation.	
Trays	Specially designed solid stainless steel wire mes trays ensure even temperature distribution	
Other	MCB, Adjustable Tray Height arrangements	
Power	Works on 230 V AC single phase 50Hz.	
Safety feature	Additional safety thermostat to cut off the air heater in case of overshoot of temperature	
Certifications	ISO 9001: 2008 and ISO 13485 : 2012	
Documentation	LABTOP will provide IQ, OQ, PQ documents with Material Test Certificates And Calibration reports	
SPECIFICATIONS		
Temperature Range	5 °C above ambient to 300°C	
Temperature Accuracy	± 0.5°C	
Capacity	90 lts	
Trays	2	
No of doors	Single	
Internal Size:	45 x 45 x 45 (cm)	
External Size	66 x 71 x100	


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ITEM NO ¹⁰ : LABORATORY WATER BATH

Name of the Equipment		Micro Controller based Laboratory Water Bath				
Control System		Micro controller based temperature indicator cum controller with digital display and PT 100 sensor.				
Alarm		Audio Visual Alarm if the temperature deviates from the preset temperature				
Display		Set Value and Process Value				
Insulation		3 " Thick CFC free PUF Insulation.				
Other		Castor wheels, MCB,				
Power		Works on 230 V AC single phase 50Hz				
Safety Features		Password protected Keypad lock.				
Certifications		ISO 9001: 2008 , ISO 13485 ; 2012				
Documentations		Should provide IQ, OQ, PQ documents with Material Test Certificates and Calibration reports				
Standard Models: Inner S tainless steel 316, 0.8 mm & Outer mild steel,1.0 mm powder coated						
Catalogue Numbers	Internal Size (LxWxH) cms	External Size (LxWxH) cms	Bath Volume (ltrs)	Temperature Range(°C)	Accuracy (°C)	
	29 x 32 x 15	38 x 60 x 25	14	RT + 5 to 100	±0.5	

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ITEM NO : TRANSCILLER 325litre, Clear product visibility with reflective glass

SALIENT FEATURES:

Should be upright, 325 litre


Chiller should be with five shell, metal body with glass door

Temperature range : 2° C-8° C

Should contain illuminating lamp inside the showcase

Cabinet temperature should be controlled by control panel

Power supply: 230V Single Phase 50 Hz


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¹²
ITEM NO 8 : MULTICHANEL PIPETTES(COMPLETE SET AS MENTIONED)

Comfort, accuracy and control

Total hand comfort with lower spring forces, while maintaining supreme accuracy and precision.
Smooth and responsive plunger for total control.

Reliability and convenience

Secure volume lock averts accidental drift and allows easy one hand adjustment. Upgraded ejector and shaft assembly for easy cleaning and autoclaving.

Specifications

8 CHANNEL

Volume Range ~~10 μ L - 100 μ L~~ (50 - 300 μ L)
With calibration certificate



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ITEM NO ¹³ 7 : SINGLE CHANNEL PIPETS (COMPLETE SET AS MENTIONED)
variable volume with calibration certificate)

Comfort, accuracy and control

Total hand comfort with lower spring forces, while maintaining supreme accuracy and precision.
Smooth and responsive plunger for total control.

Reliability and convenience

Secure volume lock averts accidental drift and allows easy one hand adjustment. Upgraded ejector and shaft assembly for easy cleaning and autoclaving.

Specifications - Pipet-Lite LTS Pipette L-100XLS+

① Volume Range 10 μ L - 100 μ L

Increment (manual) 0.02 μ L

Accuracy \pm 10 μ L : 3.5 % / 0.35 μ L ; 50 μ L : 0.8 % / 0.4 μ L ; 100 μ L : 0.8 % / 0.8 μ L

Precision \pm 10 μ L : 1 % / 0.1 μ L ; 50 μ L : 0.24 % / 0.12 μ L ; 100 μ L : 0.15 % / 0.15 μ L

Tip Technology LiteTouch System LTS

Channels 1

AND

Specifications - Pipet-Lite LTS Pipette L-1000XLS+

② Volume Range 100 μ L - 1,000 μ L

Increment (manual) 2 μ L

Accuracy \pm 100 μ L : 3 % / 3 μ L ; 500 μ L : 0.8 % / 4 μ L ; 1,000 μ L : 0.8 % / 8 μ L

Precision \pm 100 μ L : 0.6 % / 0.6 μ L ; 500 μ L : 0.2 % / 1 μ L ; 1,000 μ L : 0.15 % / 1.5 μ L

Tip Technology LiteTouch System LTS

Channels 1

AND

Specifications - Pipet-Lite Pipette, Univ. SL-2XLS+

③ ~~0.1 μ L - 2 μ L~~ (0.1 μ L - 10 μ L)

Increment (manual) 0.002 μ L

Accuracy \pm 0.2 μ L : 12 % / 0.024 μ L ; 1 μ L : 2.7 % / 0.027 μ L ; 2 μ L : 1.5 % / 0.03 μ L

Precision \pm 0.2 μ L : 6 % / 0.012 μ L ; 1 μ L : 1.3 % / 0.013 μ L ; 2 μ L : 0.7 % / 0.014 μ L

Tip Technology Universal-Fit Shaft

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Channels

1

④ Volume Range 20 μ L – 200 μ L

⑤ Volume Range 5 μ L – 50 μ L

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ITEM NO 14 VERTICAL AUTOCLAVE

Vertical autoclave – Triple wall – Double Drum for OT

Features: Fully stainless steel

- Pressure Gauge.
- S.S. Steam release valve.
- Safety valve.
- Indicating lamp.
- Heating element – I.S.I. mark.
- Hydro test certificate.

Size – Internal	Capacity	Power
16" Dia. x 24" Depth	80 Litre	4 kw

TECHNICAL SPECIFICATION

Vertical Autoclave – Triple wall

Phase / volt	Single phase / 220 volt
Working pressure	15 – 22 p.s.i.
Working temperature	121 – 125° C
Hydro test	2.5 kg/cm ²

Material of Construction:

Chamber.	S.S. 304 Quality, 16 G.
Jacket	S.S. 304 Quality, 16 G
Ring.	S.S. 304 Quality, 16 mm. thick.
Lid.	S.S. 304 Quality, 6 mm. thick. Dished type.

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Bottom.	S.S. 304 Quality, 16 G. Dished type.
Key wings.	S.S. 304 Quality, ½" B.S.P.
Key wings knob.	Bakelite, star type.
Gasket.	Silicone rubber, square type – Joint less .
Resting tray.	S.S. 304 Quality, perforated round type – 2 nos.
Fittings / connections	S.S. 304 quality, B.S.P. threading.
Outer cover.	S.S. 304 Quality, 20 G. mirror finish.
Heater Cover	S.S. 304 Quality, perforated type.
Leg.	C.I. duly painted
Wall	Triple

Features:

- S.S. Pressure Gauge.
- S.S. Steam release valve.
- Vacuum breaker / Air valve.
- Safety valve.
- Water level indicating gauge glass tube with S.S. guard.
- Chamber & Jacket drain line with S.S. valve.
- Water inlet through funnel & as well as pipe
- Digital temperature controller with timer & alarm - programmable type
- Pedal type lifting arrangement.
- Power saving relay, almost 50%.

Electrical:


- M.S. panel.
- Air break contactor.


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- Toggle switch.
- Indicating lamp.
- Heating element – I.S.I. mark
- ▶ **Triple walled** unit has steam jacket, working chamber, outer insulation cover - all are made of heavy gauge SS 304 grade stainless steel
- ▶ **Safety devices:** Pressure switch, safety valves, vacuum breaker, low water level cut-off
- ▶ **Standard features:** Solenoid valve, release valves, pressure gauge, condensate valve, sight glass, silicone gasket
- ▶ **Working Pressure:** 1.2 kgf/cm² & 2.1 kgf/cm²
- ▶ **Working Temperature:** 121°C / 134°C
- ▶ **Power Supply:** 230 V, 1 Phase, 50 Hz AC Supply (Optional: 440 V, 3 Phase, 50 Hz AC Supply)
- ▶ **Hydrostatic Test:** Hydraulically tested up to 2.5 times the working pressure
- ▶ **Features of Automatic Sterilizer:**
 - Fully automatic PLC based control system
 - Numeric keyboard 2 line display +6 keys
 - Shortcut keys for fixed sterilization programs, appliance, dressing, packing instrument, liquid
 - Sterilization pressure, temperature and drying time can be adjusted
 - Automatic sterilization by pre-programming the cycle
- ▶ **Documentation:** User manual, Warranty Certificate, Hydraulic Test Certificate, Calibration Certificate
- ▶ **Optional:** Guide wire attachment for vertical sterilizers


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15 micro

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THERMOMETER \bar{z} Calibration Certificate
of
DIGITAL TEMOMETER TO TAKE DIFFERENTIAL TEMPERATURES

- 1) $\rightarrow (0-110^{\circ}\text{C})$
- 2) $\rightarrow (0-250^{\circ}\text{C})$
- 3) $\rightarrow (-5 \text{ to } +50^{\circ}\text{C})$
- 4) $\rightarrow (-5 \text{ to } +200^{\circ}\text{C})$

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16 online

16 ONLINE UPS

Features

- True on-line topology
- Pure sine wave output
- Single phase input - Single phase output
- Built-in automatic bypass
- User friendly LCD display
- Extended runtime with external battery
- Open Type battery rack
- Battery back up for 3 hrs
- High input power factor
- Low voltage Total Harmonic Distortion (THD)
- DC start & Automatic self-diagnostic function
- Wide input voltage range & Generator compatible
- Communications capability via RS-232 or optional SNMP
- Cold Start function for starting from batteries

POWER

INPUT

Input Voltage	220VAC, Single Phase with Ground
Input Frequency	50Hz
Input Frequency Range	46Hz - 54Hz

OUTPUT


Voltage on Mains	220VAC / 230VAC \pm 2%
Frequency	Synchronized 46-54Hz (Line Mode) 50Hz \pm 0.1% (Battery Mode)

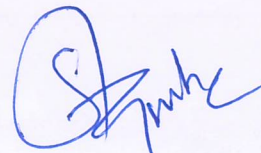
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16 mic

MCB's	Input	Battery / Input
Cooling	Forced Air	


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Loop Sterilizer

Loop sterilizer is an electrical sterilization system 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.

Robust and temperature-shock resistant

The sterilizing tube, which is made of wear-resistant quartz glass, reaches its optimal temperature of 900°C (1650°F) after only a few minutes. To sterilize the inoculation loop, simply insert it into the quartz tube. After 5-7 seconds, the inoculation loop is sterilized. Any residue remaining on the smooth surface of the quartz tube can be removed easily.

Flexible and safe

The low and stable housing facilitates ergonomic operation; the unique design protects the working surface from contamination.


Technical Data

Chamber Diameter: 14mm

Sterilization Time: 5-8 seconds

Maximum Temp. : 900°C

Electrical Supply: 220V/110V Single Phase AC Supply.


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