



DEPARTMENT OF PHARMACEUTICAL SCIENCES & TECHNOLOGY, MRSPTU

SPECIFICATION

1. **Mercury Thermometer**

Range: 210-4410: -38° to +130°F

210-4411: -38° to +55°C

Graduations: 1°F, 0.5°C

Accuracy: $\pm 0.15^\circ\text{F}$ above 32°F

Size: 12" L x 1" W (305 mm x 25 mm)

Weight/shipping: 0.25 lb/1 lb (0.1 kg/0.5 kg)

2. **Mortar and Pestle**

Porcelain, indoor, white, size 90mm

3. **Stethoscope**

Double cup, dual-use (adult and pediatric auscultation) chest piece in stainless steel or chrome plated brass.

Adult diaphragm 43-47mm; pediatric diaphragm 28-36mm, Y tube treated rubber

Arms: stainless steel, or chrome brass

Removable plastic ear-pieces.

Latex-free

4. **Hemostatic artery forceps**

Material- Stainless steel

5. **Blood pressure apparatus**

Display

A) Size: Atleast 10-14" Lcd/Tft

B) Resolution: Atleast 640x480 Pixels

C) Number Of Traces: 3 To 8

Heart Rate

A) Range: 20-350 Bpm

B) Accuracy: $\pm 5\%$

C) Analysis: 3 Or 5 Lead On St Detection With Arrhythmic Detection

6. **Stretcher**


Material- Stainless Steel

Size: 2100 mm x 560 mm x 810 mm

No. of Wheels- 4

Model Name : ACME 2005

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7. **Mixer grinder**

- Features: Easy Grip Jar Handle, Elegant Body Design, Motor Overload Protector, Multi-Functional Blade System
- Juicer Type: Mixer Grinder
- Jars: 3
- jar Material: Stainless Steel
- Power Consumption: 200 Watts
- Renowned make

8. **Heating mantles- small**

Round - bottom flasks – 5000ml

Maximum operation temperature - 0 ... +450 °C

Voltage Supply - 220 V

Power - 800 W

Operation Time – Continuous

Dimensions (mm) - Ø 350 × 250


Weight – Approx. 8kg

9. **Electronic personal scale**

- Capacity: 160 kg
- Accuracy: 100 g
- Platter Size: 350 mm x 300 mm (Tolerance +/- 10%)
- The scale should be made up of heavy duty. Cast iron structure Platform with powder coated frames.
- The Electronic Adult Weighing Scale should incorporate following features for user-friendly convenience.
- Display: LED / LCD: 5 digits with min. height 14 mm.
- TARE facility with zero function.
- HOLD function to lock the weight.
- MEMORY function, to keep the last weight in memory.
- The Scale should have inbuilt rechargeable battery backup for minimum of 8 hrs.
- Should operate on mains 220-240Vac, 50 Hz single phase.
- The Scale should be as per BIS specifications. The scale should have ISI mark.

10. **Human Placenta anatomies Model**

- Color Natural
- Material PVC
- Specifications:
- Length: 52.5cm
- Head Diameter: 34.3cm

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11. Colony Counter

- Capacity of the Counter: 0~999.
- Diameter of the counting plate: 155mm or above.
- Appropriate resolution and
- Clear markings for counting
- Robust design
- Appropriate for biotechnological testing

12. Lumber set for bones and skeleton model

- Life-size lumbar vertebrae are shown with normal
- Intervertebral disc and spinal cord with nerve roots. On stand

13. Tincture Press

The unit consists of double chamber that includes a plunger pressing plate of approx. 1/2 inch of thickness, supposed to move inside the chamber with the support of hand operated mechanical rotation pressing system.

The unit is further attached with an outlet valve.

- **Type** -Tincture
- **Material** -Steel
- **Capacity** -High m3/hr
- **Computerized** -Yes
- **Control Mode** -Semi-Automatic
- **Voltage** -220 Volt (v)
- **Power** -500 Watt (w)
- **Color** – Silver

14. Copper Water bath

Water baths can hold often temperatures within a tenth of a degree Celsius, Material: Copper, suitable dia to hold at least 500 ml conical flask. With appropriate holders.

15. Newborn Human Body Manikin

Length- 52cm

Head Diameter- 34cm

Material- Plastic PVC

Item code- DTX409D

16. Atomic Model Set

- Color Different Type of Colors
- Suitable For Laboratories, Schools, Colleges and Universities
- Material Polystyrene
- Number of Models:
- Senior Set : 185 Connecting Lugs With 375 Balls,
Junior Set: 37 Connecting Lugs with 75 Balls.

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17. Projection Microscope

- **Specifications of Projection Microscope:**
- **Observation Screen:** 200mm graduated screen, built-in Fresnel lens, loop and arrow arrangement and coaxial mechanical stage of size 135X120mm
- **Nosepiece:** Quadruple revolving nosepiece
- **Magnification:** Provide magnification from 12.5x to 1000x
- **Illumination:** Halogen lamp 12 volts, 100 watts, workable on 220V/110V AC
- **E Objectives:** 5x, 10x, 20x, 40x
- Facilitating observation of specimen through binocular head as well as on the screen
- **Objectives:** 5x, 10x, 20x & 40x
- **Eyepiece:** WF 10x paired
- **Dia:** 6" or higher

18. Simple digital potentiometer

- Range 0 – ± 199.9 mV, 0 – ± 1999 mV
- Resolution 0.1 mV
- Repeatability ± 1 mV
- Accuracy ± 1 mV, ± 1 digit
- Input Impedance $> 10^{12}$ ohms
- Operating Temperature 10 °C – 45 °C
- Display LED Display with auto polarity indication
- Power 230 V $\pm 10\%$ AC, 50 Hz.
- Functional Accessories included
- Dust cover

19. Microscope Compound

These microscopes have multiple lenses with a magnification range of up to 1000x (but generally 10X, 40x and 100x) which produces two-dimensional images, unlike stereo microscopes which are lower magnification and produce three-dimensional images.

20. IUD Model

Size : Normal Size

Item Code: DTGF5N

Material: Advance PVC

Type: Medical Training Equipments

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21. Digital Balance (1 mg Sensitivity)

Specifications:

Model : ATX 224

Capacity : 220 gms

Minimum Display : 0.1mg

Pan Size : Ø 91

Main Body Dimensions (mm) approx. : 210(W) x 340(D) x 325 (H) Weight (kg) approx. : 6.2

KgPower Requirement : 12V, 1ATouch-key Calibration (Internal Calibration)

22. Cervical Vertebral column with neck artery

- Material: PVC
- **Description:** Consist of occipital plate, 7 cervical vertebrae with intervertebral discs, cervical nerves, vertebral arteries and spinal cord. Mounted on stand.
- Stable base
- Crack resistance
- Sturdy

23. Magenetic Stirrer with digital control

- Speed range- 200 - 1500 rpm
- Speed stability- +/- 2 rpm
- Temperature range- Ambient temperature to 200°C
- Heating rate (1 liter Water)- 12°C / min

24. Gynecological Training Model

- Colour- natural
- Material – PVC

25. Antibiotic Zone Raeder

- The Antibiotic Zone reader should measure the diameter of the inhibited zone to 0.1 mm within the range of 0 to 35 mm.
- Fitted with Light source with reflecting mirror.
- Provision of magnification of image of the inhibition zone
- The instrument should be supplied with all the required accessories like prism, petri dish, etc.
- Should be suitable for operation on 230 v, 50 hz, single phase supply.

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26. **Polarimeter**

Light Source - Tungsten-Halogen lamp (Wl), Sodium lamp (Na), Mercury lamp (Hg) (Up to two light sources can be installed.)

Modulator - Faraday cell

Wavelength - 253, 280, 296, 313, 302, 325, 334, 365, 405, 436, 546, 578, 589, 633, 880 nm

Aperture - 1.8, 3 and 8 mm diameters

Angular Range - $\pm 90^\circ$

Response Speed - $6^\circ/\text{sec}$

Measurement Accuracy - $\pm 0.002^\circ$ (up to 1°)

Resolution - 0.0001°

Integration Time - 1 - 100 sec

Detector - Photomultiplier tube (1P28-01) (R928 - option)

Readout Modes - Optical rotation, optical specific rotation, concentration, sugar scale Z, Brix purity, optical purity

Temperature Measurement Range - $0\sim 40^\circ\text{C}$ (minimum display temperature: 0.1°C)

Dimensions - 653 (W) x 249 (D) x 364 (H) mm

Weight - Approx. 30 kg

Power Requirement - AC100~240V $\pm 10\%$, 50 or 60 Hz, 80 - 300 W

27. **Binocular Microscope**

Two 10x wide field eyepieces. Two 10x wide field eyepieces, one with pointer and 4x, 10x, 40x, and 100x achromatic objectives.

100x objective requires immersion oil for maximum resolution and four-position click-stop turret 40x, 100x, 400x, and 1000x magnification with 10x eyepieces.

4.3 x 4.7" mechanical rectangular stage.

Adjustable-width locking slide/specimen holder.

Accepts 3 x 1" (76.2 x 25.4mm) specimen slides.

X-Y right-handed stage adjustments.

Integrated ruler on edge.

28. **Moisture Balance**

- Measuring method Infrared heat drying mass measurement
- Sample pan size $\phi 130$ mm
- Weighing capacity: at least 20 mg
- Minimum display in weighing: 0.001 g
- Measurement range of moisture content 0.01 % to 100.00
- %Moisture content minimum display 0.01 %
- Maximum sample capacity 120 g

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- Measurement mode Automatic or Timed halting modes, Rapid, Slow and Step drying modes/Predictive Measuring mode
- Drying heater Mid-wave infrared quartz heater
- Setting temperature range 30 °C to 200 °C (by 1 °C increments)
- Operational temperature and humidity range
- range 5 °C to 40 °C, 85 % RH maximum
- Power requirements 100 V to 127 V/220 V to 240 V AC, 640 W maximum
- Standard accessories Sample pan 2 pcs, sample pan stop, windbreak case, sample pan, handler 2 pcs, aluminum sheet 20 pcs, spoon, spatula

29. Cutter mill (Bark and seed grinder)

- Feed material: soft, medium-hard, elastic, fibrous
- Material feed size*: < 60 x 80 mm
- Final fineness*: 0.25 - 20 mm
- Speed at 50 Hz (60 Hz): 1,500 min⁻¹

Made of SS/MS

30. Full body adult CPR

- Manikin Male CPR Manikin
- Material PVC
- Usage Hospitals, Medical Colleges, and Schools

31. Polarized Microscope

- Frame for reflected/transmitted light
- Polarizing objective 4x/0.13
- Polarizing objective 20x/0.30
- Polarizing objective 20x/0.50
- Polarizing objective 40x/0.75
- Polarizing objective 100x/1.3,
- w.d. 0.2(spring)
- Eye piece 10x
- Transmitted led lamp housing
- Quadruple revolving nosepiece including centering knob
- Light balancing filter slider
- Reflected led lamp housing Circular rotatable stage, graduated including stage insert plate Entering knob & stage clip
- Attachable mechanical stage, graduated Reflected light illuminator Trinocular tube Polarizer slider Graduated rotatable analyser for transmitted light Polarizing condenser Adapter slider for compensator Stage micrometer

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- Eyepiece micrometer 10 mm / 100
- Tint plate (gypsum) 1/4th wavelength retardation plate (mica)
- Dust cover
- 5.05 mp non cooled color digital camera for microscope
- 2/3-inch color CCD
- 2448 x 1920 pixel
- 3.45umx3.45um Sensitivity (iso) : ISO 100, 200 & 400
- Exposure time: AUTO :50 μ s \sim 2 s (auto), 50 μ s \sim 8 s (manual)
- Exposure adjustment : -2ev to +1ev (+ side:1/6evstep, - side 1/3ev step)
- Frame rate @ image size : 15 fps (2448 x 1920) 30 fps (1224 x 960 (binning 2x2))

32. Homogenizer

The system should offer processing of a wide variety of samples, including animal and plant tissues, hard tissues like bones, which can be used to disrupted samples to release highquality DNA, RNA and protein for subsequent purification and analysis.

33. Dissecting Microscope

The dissecting microscope is also known as a stereomicroscope. Because it has a long working distance, between 25 and 150 mm, it has a **lower magnification ability**. This gives the user the option to manipulate the specimen, even performing small dissections under the microscope. Live specimens can also be observed.

34. Autoclave

Overall External Dimensions WxLxH(mm)- 508x362x550

Material- Stainless Steel

Analytical Pressure- 20PSI

Chamber Volume- 30 Litre

Cold Cycle Time- 16 min

Hot Cycle Time- 12 min

Number of Trays- 4

35. Ball Mill

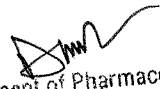
Speed- 80rpm

Material feed size- < 10 mm

Final fineness- < 10 μ m, for colloidal grinding < 1 μ m

Grinding stations- 1

Power Supply- 220 / 230 Volts, 50Hz

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SPECIFICATION

1. Analytical balance for demonstration

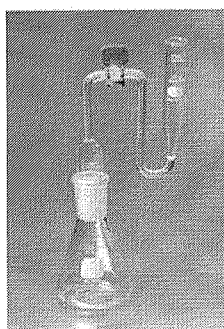
Analytical balance with high level of accuracy that is ideally suited for weighing small quantities of materials.

Weighing capacity and readability of 0.1mg.

Significant cost, higher throughput, automation, secure and compliant.

2. Arsenic Limit test apparatus

- Material Glass
- For practical utility as per PCI- To determine the comparative limit of arsenic in given sample.



As per picture, given

3. CAMERA LUCIDA

- Prism Type in Velvet Box
 - Mirror Type in Velvet Box
 - These Instruments are revised simplified version of tracing the image of the microscope object on a plain paper
- Standard make with appropriate resolution.

4. Clarity Test Apparatus

- Black and white backgrounds, stable system, superior quality for quality test of parenteral.
- Appropriate assembly as per pharmaceutical testing utility

5. Clinical Thermometer

STEMS: All models, Type 304 Stainless Steel (316 SS is available upon request).

STANDARD LENGTHS - 2.5", 4", 6", 9", 12", 15", 18", 24", 30", 36".

For the ranges of 0/100°F, 25/125°F and 0/50°C, a 4" stem is the shortest length. The standard diameter is .250" on all models. 5/16" and 3/8" diameter stems are available and recommended for extra strength on handheld applications for stem lengths 36" and over.

The temperature of the head should not be allowed to exceed 200°F (150°F if silicon filled).

Stems should not be exposed to continuous temperature exceeding 50% over-range, or 800°F.

6. Desiccators

- A desiccator is an enclosed device that can be sealed and has desiccants to protect the compounds within from moisture.
- A laboratory vacuum desiccator cabinet has a desiccant or a substance that absorbs moisture, filling the space below the storage platform.
- A stopcock is included to allow the desiccator to be evacuated.
- A desiccator can be used for various purposes such as cooling heated substances in the desiccator to disallow moisture from gathering.
- The interior is dry because of the desiccating compound at the bottom. Chemicals that absorb moisture easily are stored in a desiccator, so their life is long. It is used for vacuum testing and degassing as well as defoaming.
- Material: Plastic
- Diameter 10-12" minimum

7. Digital pH Meter

- Should have working range from 0 to 14.
- Should have resolution 0.1/0.01 pH.
- Should have Temperature compensation zero to 100 degree with ATC
- Should have output and supply Data connector cable.
- Should have atleast 2 point calibration facility.
- Should have digital display atleast with 0.01 pH unit readability
- Should supply Tri-combination pH/ATC electrode
- One additional electrode
- Should supply Electrode + Standard buffer solution (pH 4.0, 7.0, 10.01 x 50ml for each bottle) + standard electrode holder + Ac /DC Adaptor.
- Should be provided with an electrode holder/arm with smooth movement

8. Distillation Unit (Distillation Unit)

Mild Steel Powder coated

Heater Load- 1 KW Each

Heater material- Ceramic with Spiral element

Heater Tube- Quartz / Silica Glass

Double Distillation Unit Output- 1.5Litre/Hr, 3.5Litre/Hr

Capacity- 1.5 Ltr/ Hr

Frequency- 50Hz

System comprising all glass table top horizontal model

System designed to deliver automatic, double distillation output

Unit come mounted on metal stand that is powder coated so as to provide for longer service life

Quartz glass based heater tube

Presence of low water cut off device for operations safety

Comes complete with glass parts

Features electric supply support of 220/230v ac, 50/ 60hz

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9. Extractive Distillator

- Standard mild steel body and upright fittings
- Body finished in stove heating paint and other parts are duly chrome plated
- A common energy regulator to control all unit.
- Individual on-off switches and pilot lamps.
- The unit of 3 mantles which accommodate 100 ml to 1000 ml flasks.
- Complete unit with stand, clamp holder with soxhlet extraction (3 Condensers) glass.
- 3 Extraction flasks of 100/250/500 ml.
- Temperature: 50-350 ° C.

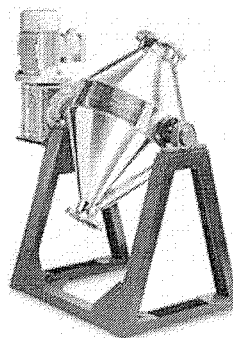
10. Double cone blender

Capacity / Kg Minimum

With all standard accessories as per below given picture

Double cone blender

- It consists of double cone on rotating shaft.
- It is usually used for small amount of powders.
- It is efficient for mixing powders of different densities.
- Material loading and emptying is done through the same port.
- The rate of rotation should be optimum depending upon the size, shape of the tumbler and nature of the material to be mixed.
- The rate of rotation commonly ranges from 30-100rpm.
- Mixing occurs due to tumbling motion.



Double cone blender

11. Eye piece micrometer

Micrometer eyepiece is used instead of a standard eyepiece in a microscope and used not only to see very small things but also for measurements. Designed with a series of numbered lines inside, micrometer eyepiece looks like a ruler. A calibration slide is used after the placement of micrometer eyepiece in the microscope.

Features:

Precision design

Protective box

Very high resolution

12 Capsule filling machine

Production output – 25,000 capsule/hrs

Power supply – 3 phase, 415 Volts, 50 Hertz

Compressor air required – 4 CFM

Machine dimensions –Length (975mm), Width (875 mm), Height (1955 mm)

Net weight approx. (kgs)– 850

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13 Fluorimeter

Design: System should be of user-friendly benchtop design for simple, fast, and highly accurate quantitation of DNA, RNA, and protein. System should use fluorophore based detection methods for quantification of DNA/RNA/Protein. System should use disposable assay tubes that eliminate washing steps and cross contamination between samples.

Sample Volume: 1 microlitre or less

Assay: System should use assays that contain advanced dyes that only fluoresce when bound to DNA, RNA, or protein. Detection should be reasonably fast. The technology should only report the concentration of the molecule of interest, not contaminants.

Report: System should have ability to produce comprehensive data with graphic reports and a .CSV (comma separated value) file for sample comparisons.

Dynamic range: 5 orders of magnitude

Processing time: ≤ 5 seconds/sample

Light sources: Blue LED (max ~ 470 nm) Red LED (max ~ 635 nm)

Excitation filters: Blue 430–495 nm Red 600–645 nm

Emission filters: Green 510–580 nm Red 665–720 nm

Detectors: Photodiodes

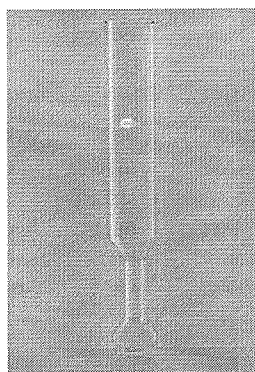
Measurement capability from 300–1,000 nm

Warm-up time: < 35 seconds

14 Folin-wu tubes

Product Description

- Made from uniformly drawn high quality tubing for extended service life
- The tube is calibrated at 35 ml and 50 ml



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15. Fraz Diffusion cell

Features:

- Highly accurate stirring speed and temperature controller
- Precise speed control over stirring range 200-800 rpm using digital speed indicator and controller
- Digital Temperature controller for precise temperature control
- Water Circulation System with water level sensors to avoid damage to heating element
- Magnetics Stirrer with stainless steel body to avoid corrosion
- Sturdy, Heavy duty magnetic Stirrers - allowing continuous & Nonstop Operation
- The Transdermal Diffusion cell apparatus is remarkably simple to operate; the system is supplied with:
- Six stage magnetic stirrer with digital RPM indicator
- Water heater & Water circulation system with digital temperature controller and water level indicator
- Cell holders
- Diffusion Cells
- Teflon coated stirring bars

16 Friability test apparatus

- MOC and Property of Drum Transparent Synthetic Polymer with polished internal surfaces. Develops minimum Static charge. One side is removable.
- Drum attachment Horizontal to axis of Instrument
- Internal Diameter 283.0 to 291.0 mm (287.0 ± 4.0 mm)
- Depth 36.0 to 40.0 mm (38.0 ± 2.0 mm)
- Outer Diameter of Central Ring 24.5 to 25.5 mm (25.0 ± 0.5 mm)
- Curved Projection with inside Radius (Extends from middle to outer wall of drum) 75.5 – 85.5 mm (80.5 ± 5.0 mm)
- Drum Revolution/Minute 24 – 26 (25 ± 1)
- Drop Height 154.0 – 158.0 mm (156.0 ± 2.0 mm)
- Total Revolution / Test 100 Revolutions / 4 Minutes

17 Hardness test apparatus

Automation grade – Manual

Hardness Range – 2-28 mm

Weight – 1-2 kg

Capacity – 20kg.cm

18 Hot Plate

- Round and rectangular shape
- Up to 250°C temperature of more
- Chemical resistance and durable construction
- Excellent temperature uniformity
- Stainless steel heating top
- Analog and digital controls
- Safety thermostat
- Power supply: 220 / 230 Volts, 50 Hz
- Stainless steel heating plate
- Digital temperature display
- Support stand
- 8" diameter(min)

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19. **Levers cannula** -
Material as per PCI Norms

20. Mechanical Stirrers

Specifications:

- Mechanical speed upto 3000rpm
- S.S Shaft for 1 & 2 Ltr
- 1/20 H.P Motor
- Precision upto ± 5 rpm
- Speed regulator with precision
- Stand and all accessories

21 Medicinal Plant charts and Hap Charts

- Each chart shows colours which represent the recommended HF frequencies for contacting the base or mobile within the area bounded by the chart for a particular hour. The base operator and the mobile should use the SAME frequency denoted by the colour at the location of the mobile.
- As per PCI requirement
- Standard size, Laminated

Medicinal chart

Material	Art Paper Laminated
Size	58X90 cm
Color	Full Color

22. Mili pore filter

Hydrophilic 0.22 μ m, 13 mm, white, plain

23. Muffle Furnace:

- Maximum temperature: upto 1000 $^{\circ}$ C
- Heating element: Kanthal A-1
- Fitted with silver fuse
- Dimension: 6"x6"x12" (150x150x300mm)
- Temperature accuracy: ± 1 $^{\circ}$ C (± 1.8 $^{\circ}$ F)

24. Nerves and Blood vessel Human Skelton

Size 25cm, PVC material

25. Nessler's Cylinder

Specifications:

Cap. ml.	Sub. Div. ml.	Tolerance (\pm ml.)
50	25 & 50	0.4

Made of borosilicate glass, as per IP for limit test of chloride

26. Ointment Filling Machine

Output – 40 to 50 tubes / minutes

Volume – 5 gram to 150 gram

Tube size diameter – 12 mm to 50 mm maximum

Tube size length – 50 mm to 200 mm maximum

Power consumption – 2.0 HP Motor / 0.5 HP stirrer Motor / 1Kg. Jacketed Water Heater



27. Reflux Flask and Condenser Double/ triple Necked

Material borosilicate

three neck flasks have two angled side **necks** at the same height with Standard Taper outer joints and a larger center **neck** with a vertical Standard Taper joint.

28. Reflux Flask and Condenser Single Necked

Capacity 500.0 milliliters

Material G3.3 borosilicate glass

29 Refrigerator

Refrigerator type – Single door

Energy Rating – Inverter Compressor star

Model No- GL-D201ASLI

Capacity – 190 Litres

30. Sphygmomanometer Digital

A sphygmomanometer consists of an inflatable cuff, a measuring unit (the manometer), a tube to connect the two, and an inflation bulb, which is also connected by a tube to the cuff. The inflation bulb contains a one-way valve, to prevent inadvertent pressure leakage, with an adjustable screw valve with which the operator can lower the pressure in the system in a controlled manner.

Adult, palm style, sphygmomanometer with one tube.

Manometer, aneroid gauge:

-An aneroid manometer is a mechanical gauge with a round dial and a needle that rotates to indicate pressure in mmHg. On the inside, a bellows and spring mechanism senses and transmits the blood pressure measurement to the dial.

Diameter: 63mm

Linear scale: graduated from 0-300mmHg, easy-to-read, maximum error throughout range ± 3 mmHg.

Diaphragm membrane: can withstand overpressures of up to 600mmHg.


Connector to rubber tube: on the right-hand side, below the manometer.

Inflation bulb: to inflate or deflate the rubber-bag cuff.

Mounted with a one-way valve, to prevent inadvertent pressure leakage, with an adjustable screw valve with which the operator can lower the pressure in the system in a controlled manner.

Cuff: Washable at 30°C, made of non-deformable material with velcro fastening to enable a tight adjustment around the arm.

Inside the cuff is an inflatable airbag (bladder); it must be airtight. Size: 22x10cm.

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31 Stage and eye piece Micrometer

Measurement of microscopic objects requires the use of an eyepiece micrometer (reticle) and a stage micrometer. The eyepiece micrometer is a round glass disk on which a scale has been etched. The eyepiece micrometer is inserted into one eyepiece and held in place in the correct focal plane of the eyepiece with a small retaining ring. The eyepiece and eyepiece micrometer can be rotated 360 degrees in the eyetube so the measuring scale can be aligned with or superimposed over the image of your specimen. A typical eyepiece micrometer would be a 5mm or 10mm linear scale featuring 50 or 100 divisions. Before using the eyepiece micrometer it is necessary to calibrate the eyepiece micrometer using a stage micrometer. A stage micrometer is simply a microscope slide with a known dimension etched upon its surface. The stage micrometer is placed directly on the stage of the microscope and brought into focus. By rotating the eyepiece both scales can be positioned parallel to each other. To calibrate the eyepiece micrometer you must first find out how many intervals of the eyepiece micrometer correspond to a certain distance on the stage micrometer. Each micrometer of standard and acceptable quality with quality resolution.

Specification of stage micrometer

These products are used for measuring the accurate measurement of Thread Plug Gauges like pitch diameter, root diameter and outside diameter. The use of these dimensions plays an important role in the thread plug gauges and facilitates in reducing the effect of slight errors in the micrometer screws & helps in measuring faces with the use of comparator. Of standard and acceptable quality with quality resolution.

32 Sterility Tester

Moc: SS-316

Branch: 1, 3, 6 and 9 number of branches

Filter diameter: Optional

Value type: 2 way, 3 way

33. 4D vision Human Muscle and skelton anatomy Model

Educational Objective(s) stem

Main Language(s) English

Number of Puzzle Pieces 46

Color multi-colored

Item Weight 249 g

Product Dimensions 18.3 x 5.6 x 24.1 cm

34. Sunction Pump

SUCTION MACHINE with pump:

- Power supply: 230-240V/50Hz

- Vacuum capacity: 18 litres/mim

- Maximum depression: -75kPa (-563mmHg)

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35. Suppository Mold

Material	Brass, Gun metal
Surface Finishing	Polished
Application	Laboratory
Capacity	1 gm, 1.5 gm, 2 gm
Set Moulds	4-moulds set, 6-moulds set, 12 moulds set

36. Ultra Sonicator

Power Rating: 750 Watts. Frequency. : 20 ± 2 KHz.

Programmability: 10 memories. Programmable Timer. : 99 hours.

Sequencing: Optional. Adjustable Pulse On/Off. : 1 second to 10 seconds.

Dimensions: @ 15'W \times 12'L \times 6.5'H. Voltage. : 230V, 50 Hz.

Shape: Rectangular

37. UV cabinet

- S.S. 304 body
- Electronic arrangement: long & Short Wave
- Single tube

38. Uv Chamber for TLC

UV Chromatography inspection cabinet useable for viewing and detecting separate substances on TLC Layers.

Compact Lightweight, Transportable, Economical cabinet. Separate long UV (365 nm), Short UV (254 nm) & visible sources. Long and short wave UV sources. All-metal epoxy powder fused housing for rugged dependability. UV absorbing matt black finish inside gives high sensitivity.

39. Vacuum Distillation unit

Package Dimensions : 8 x 6 x 2 cm; 200 Grams

Date First Available : 11 January 2018

Manufacturer : ABG INITIATIVE


ASIN : B07JCX9R4M

Item part number : ABG985

Country of Origin : India

Manufacturer : ABG INITIATIVE

Item Weight : 200 g

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40. Water Distillation Unit

- Water Still (fully automatic) for double distillation, suitable for both bench and wall mounting.
- Very good distillate quality; conductivity: single distillate: approx. 2.2 $\mu\text{S}/\text{cm}$ at 25 °C
- double distillate: approx. 1.6 $\mu\text{S}/\text{cm}$ at 25 °C .
- Electronic level control
- Double-action low water cut-off through float switch and thermostatic safety switch.
- Economical energy consumption by distillation of the heated cooling water.
- Water saving through automatic water cut-off. Unnecessary water consumption will be avoided.
- Condenser (cooler): made of stainless steel/glass; Evaporator easily accessible for cleaning purposes.
- Minimum 4 ltr capacity

41. Microcentrifuge

Rotor Capacity- 12 place closed rotor with metal safety lid

Maximum Speed RPM / RCF (g)- 15000 rpm / 15596 g

Display- Large Backlit LCD display

Speed / Time setting- 500 to 15000 RPM / Min-Sec timer

Noise Level- ≤ 60 dB

Imbalance detection- Imbalance Detection with auto cut – off

42. Aseptic Cabinet

Size 95x50x50 cms with sloping front. Acrylic sheet front and side doors (full visible Transparent) 3' germicidal ultraviolet tube and 2' fluorescent tube for white light with necessary choke blast, starter and switches fitted. Also main lead and plug provided. Two holes with rings and sieves for insertion of arms provided.

43. Bone set (Human)

Package Dimensions: 45 x 30 x 30 cm; 5 Kilograms

Manufacturer : STC

ASIN : B07T9THFZ1

Item part number : ABS

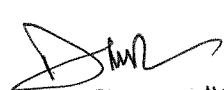
Country of Origin : India

Manufacturer : STC

Item Weight : 5 kg

All Skeleton Parts are Near to Original Skull With Mandible 3parts Ribs (L&R) Sternum Humerus, Radius, Ulna (Left) Humerus, Radius, Ulna (Right) Pelvis (L&R) Sacrum Femur, Tibia, Fibula (Left) Femur, Tibia, Fibula (Right) Vertebral Column (Dis articulated) Cervical Vertebrae (Set of 7) Thoracic Vertebrae (Set of 12) Lumbar Vertebrae (Set of 5) Hand Disarticulated (L&R) Foot Dis articulated (L&R)


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44. Digital Analytical balance**Specifications**

- Analytical balance with high level of accuracy that is ideally suited for weighing small quantities of materials.
- Weighing readability of 0.1mg and weighing range is 120g
- Significant cost, higher throughput, automation, secure and compliant.
- Capacity : 220 gms
- Minimum Display : 0.1mg
- Pan Size : Ø 91
- Main Body Dimensions (mm) approx. : 210(W) x 340(D) x 325 (H) Weight (kg) approx. : 6.2
- Kg Power Requirement : 12V, 1A Touch-key Calibration (Internal Calibration)
- Mini USB interphase
- International recognised brand
- Display- Colour TFT Touch screen
- Built in applications
- Manual draft shield

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