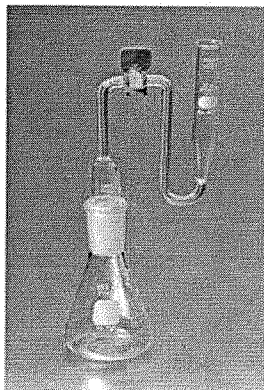


1. Arsenic limit test

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



As per picture, given

2. 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.

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 Equipment

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

5. 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.

6. Double cone blender

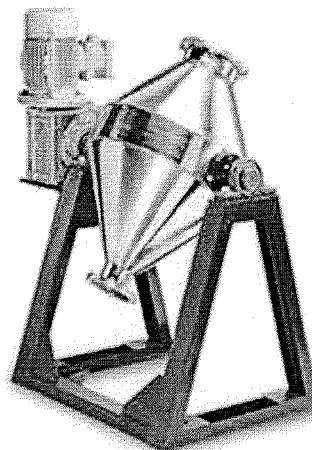
Capacity / Kg Minimum

With all standard accessories as per below given picture

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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

7. Extractive distillator

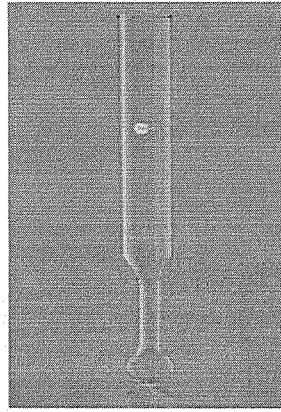
- Standard mild steel body and upright fittings
- Body finished in stove heating paint and other parts are duly chrome plated
- A common energy regulator to control all unit.
- Individual on-off switches and pilot lamps.
- The unit of 3 mantles which accommodate 100 ml to 1000 ml flasks.
- Complete unit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

Temperature: 50-350 ° C.

8. 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



9. Franz 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

10. Full body adult CPR

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

11. 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.

12. 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

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(4)

Medicinal chart

Material Art Paper Laminated

Size 58X90 cm

Color Full Color

13. Nesslers 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

14. 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.

15. Reflux flask and condenser single necked

Capacity 500.0 milliliters

Material G3.3 borosilicate glass

16. Specimen for various organ and system (Std. size and of good quality)

1. Ear	: Big size mounted on base
2. Kidney	: Big size mounted on plastic base
3. Brain	: 8 parts
4. Mouth	: Large size
5. Stomach	: Large size
6. Lung	: Mounted on plastic base
7. Head and neck	: Mounted on base
8. Eye Big	: Mounted on plastic base
9. Heart 5 piece	: Big size
10. Skin and hair	: Mounted on base
11. Brain and skull	: Std. size and of good quality
12. Circulatory System	: Big size mounted on base
13. Respiratory System	: Big size mounted on base
14. Nervous System	: Big size mounted on base
15. Digestive System	: Big size mounted on base
16. Excretory System	: Big size mounted on base
17. Male Reproductive System	: Big size mounted on base
18. Female Reproductive System	: Big size mounted on base
19. Human Male Torso 90 CMS	: Big size mounted on base
20. Human Female Torso 90 CMS	: Big size mounted on base
21. Liver	: Big size mounted on base
22. Human Skeleton	: Loose bone-imported plastic

17. 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.

18. 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.

19. Specification of 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

20. Specification of UV cabinet

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

21. Specification of 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.

22. Specification of Vacuum pump**Specifications:**

- Double stage air cooled
- Required H.P. – ¼
- Free Air Displacement capacity- 50 litres/min
- Ultimate pressure- 0.005 mm HG
- Oil charges: 2 litres
- Moisture trap

23. SS rabbit cage of size 450*600*450(L*W*H)

The breeding type cage basically comprises of 2 rabbit cages of size 600mm x 450mm x 450mm separated by a removable partition. The partition will be made of wire mesh of 2" x 1" x 12swg welded on a frame of 5mm SS rod and is provided with a handle for ease in removing and inserting.

24. Rack to hold SS rabi cages

- Racks made up of 304 grade stainless steel and properly finished, free of projections and polished.
- Arrangement to hold rabbit cages in two shelves.
- Rack stands be fabricated with 25mm x 25mm 12g SS angle.
- Complete with 100mm nylon wheels with stopping system



Specifications

1. Antibiotic zone reader:

- 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.

2. Binocular Microscope:

- Binocular microscope containing two viewing tubes each with one wide field eyepiece (10X): along with one additional viewing tube (trinocular head) for camera attachment: with following components and accessories-
- Co-axial low drive Mechanical stage.
- Smooth coaxial coarse and fine motion
- ILLUMINATION BASE – LED with adjustable brightness.
- Quadruple nose piece with adjustable inter-ocular space.
- Condenser With aperture diaphragm, with filter Holder and blue filter.
- High quality semi plan objectives: 4 x, 10 x, 40x & 100x. (Oil immersion).
- 30 degree inclined, viewing head.

3. 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

4. Colony Counters.

- 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

5. Cutter mill

- Feed material: soft, medium-hard, elastic, fibrous
- Material feed size*: < 60 x 80 mm
- Final fineness*: 0.25 - 20 mm

[Signature]
18.8.77

- Speed at 50 Hz (60 Hz): 1,500 min⁻¹
Made of SS/MS

6. Dessicator

- 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 Balance

- CE Approved
- Standard Function
- Counting Function
- Auto Outside Calibration
- Auto Zero Tracking
- Auto Back Light
- Low Battery Indication
- Large Square/circle Weighing Pan
- Kg & gram conversion
- Net Weight/ Stability Indication
- Readability: 1g
- Capacity: Weigh up to 200 g atleast

8. 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

9. Specification of 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. Foldable soft Stretcher

- **Feature :** User weight capacity 100 kgs
- **Appropriate for Usage/Application:** Foldable Soft Stretcher assists in the transport of the sick and injured person
- **Type : foldable**
- **Size:** 180 cms x 63 cms
- **Material:** PVC, Nylon
- **Number of handles - 8 Handles**

11. 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
- **Function** At each turn, the Tablets roll or slide and fall onto the drum wall or onto each other
- **Timer** Digital

12. 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)

13. Lumbar set for bones and skeleton model

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

14. Mechanical stirrer:

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

15. 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

16. 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
- 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

17. Muffle furnace:

- Maximum temperature: upto 1000 °C
- Heating element: Kanthal A-1
- Fitted with silver fuse
- Dimension: 6"x6"x12" (150x150x300mm)
- Temperature accuracy: +/- 1 °C (+/- 1.8 °F)

18. Polarized microscope Student type:

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
 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 ~ 2 s (auto), 50 μ s ~ 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))

19. Simple Digital Potentiometer:

- Range 0 – \pm 199.9 mV, 0 – \pm 1999mV
- Resolution 0.1 mV
- Repeatability \pm 1 mV

- Accuracy $\pm 1 \text{ mV}, \pm 1 \text{ digit}$
- Input Impedance $> 1012 \text{ ohms}$
- Operating Temperature $10^\circ\text{C} - 45^\circ\text{C}$
- Display LED Display with auto polarity indication
- Power $230 \text{ V} \pm 10\% \text{ AC}, 50 \text{ Hz}$.
- Functional Accessories included
- Dust cover

20. 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 1000 x
- **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

21. Human placenta anatomies model

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

22. Tablet disintegrating apparatus

- Digital Temperature and Timer
- Splash proof panel with LCD display
- Smooth up and down movement
- Waterbath for uniform temperature

Technical Specification:

- Temperature : 25.0°C To 40.0°C
- Accuracy : $\pm 0.3^\circ\text{C}$
- Power : $230 \text{ V } 50 \text{ Hz}$.
- Heating System 300Watt 230 V, Accuracy $\pm 0.5^\circ\text{C}$
- Timer : 1 min to 99 hrs 59 mins 59 secs
- Strokes : 30 strokes/min
- Water bath : 6 ltrs or above.
- Double basket
- Timer Hold & Resume facility

23. 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

24. 4 D vision human muscle and skeleton anatomy

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

