

# 1. AUTOCLAVE

**Temperature:** 121°C

**Pressure:** 15 lb/ inch sq.

**Time :** 15-20 min

**Use :** The autoclave is use to sterilize usually non-carbohydrate media, broth and agar. contaminated media and other things in laboratory.



Date of purchase	Bill no.	Supplier	Manufacturer	Amount
20/03/2012	184/2011-12	Arpita Traders	Luner Brand	

## 2. LAMINAR AIR FLOW

**Name of the Filter:** HEPA (High Efficiency Particulate Air Filter)

**Size of the pore:** 0.3 $\mu$ m

**USES:** Laminar air flow is used for reducing the danger of infection while working with infectious microorganisms and for preventing contamination of sterile materials.



Date of Purchase	Bill no.	Supplier	Manufacturer	Amount
28/03/2014	SGE/64/2013-14	S G Enterprise	STERI-CLEAN	33920/-

# 3. INCUBATOR

**Temperature:** 37°C

**Use :** An incubator is used for the incubation, at a constant temperature favorable to growth and development of various microorganisms.



Date of Purchase	Bill no.	Supplier	Manufacturer	Amount
27/09/2003	SGE/113	Bittu Traders	Luner Brand	21000/-

## 4. UV SPECTROPHOTOMETER

**Visible region:** 200-780 nm.

**Use:** An instrument used for counting population of bacteria, based on turbidity determination. It also is routinely used in analytical chemistry for the quantitative determination of different analytes, such as transition used, highly conjugated organic compounds & biological macromolecules. Spectroscopic analysis is commonly carried out in solutions.



Date of Purchase	Bill no.	Supplier	Manufacturer	Amount
18/03/2014	WWSL/2013-14/ KOL/564	Wencer ltd.	LABMAN	103050/-



# 5. COLD CENTRIFUGE

**Highest speed:** 20,000 - 60,000 rpm.

**Lowest speed :** 5,000 - 18,000 rpm.

**Uses:** Used for separation of particles dispersed in a suspended matter. Separation of mixture of liquids varying in their density or mixture from liquids or concentrating microorganisms in various sample for enzyme study.

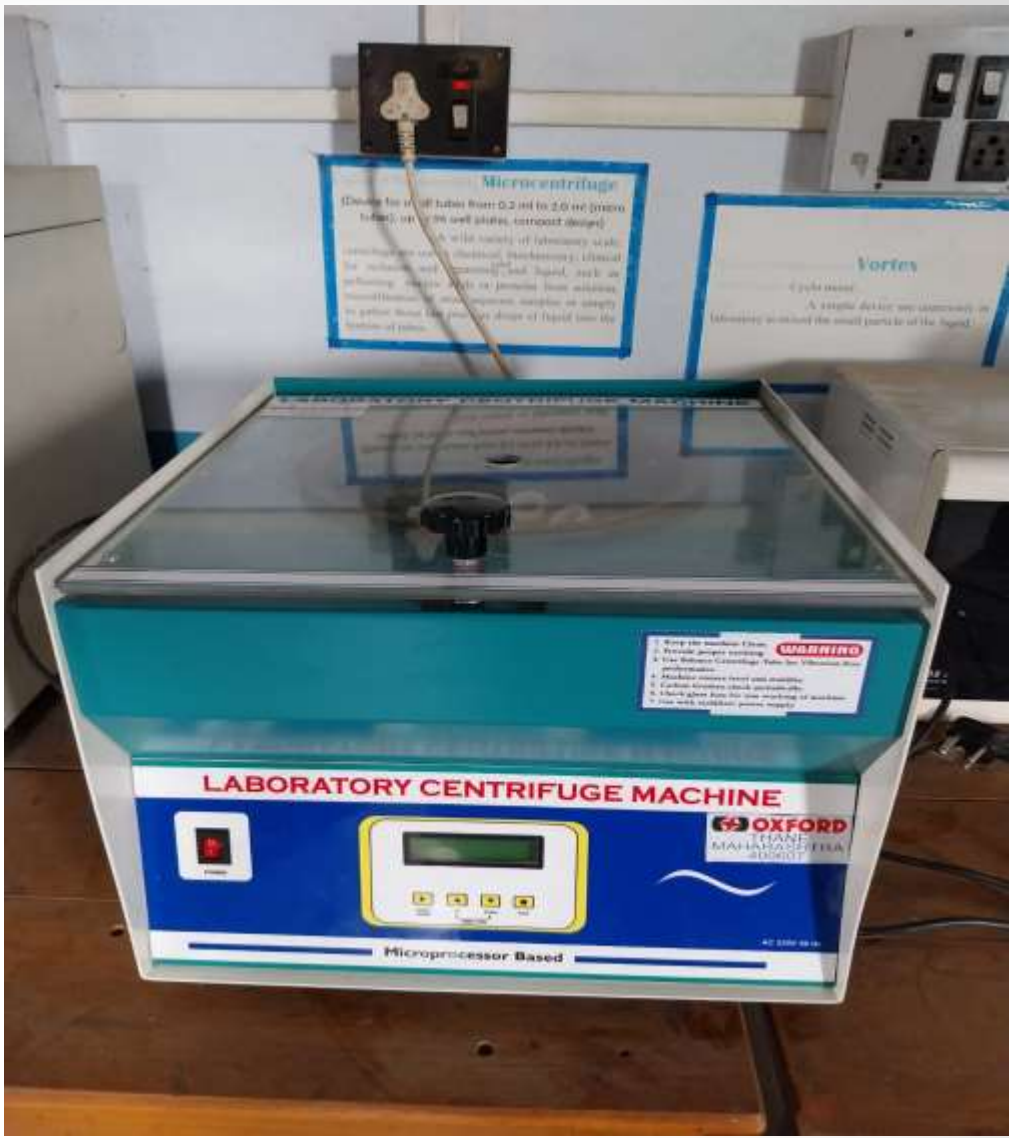


Date of Purchase	Bill no.	Supplier	Manufacturer	Amount
20/04/2005	BT/S-300/04-05	Bittu Traders	Luner Brand	90200/-

# 6. MICRO CENTRIFUGE

## USES:

A wide variety of laboratory scale centrifuge are use in chemical, biochemistry, clinical solid for isolation and separating and liquid, such as pelleting nucleic acids or proteins from solution, microfiltration of small aqueous samples or simply to gather those last precious drops of liquid into the bottom of tubes.



Date of Purchase	Bill no.	Supplier	Manufacturer	Amount
27/03/2024	SGE/165-A/2023-24	SG ENTERPRISE	OXFORD	30680/-

# 7. -20 REFRIGARATOR

## Use :

These Quick Freezers are designed for quick freezing and storing of Blood components, serum, vaccines, Biological and Medical Specimens, clinical samples, media etc. at low temperature. These units are available in vertical versions. Constructed of double walls, the exterior is made of sheet steel while the interior of stainless steel having PUF insulation etc. to minimize heat loss.



Date of Purchase	Bill no.	Supplier	Manufacturer	Amount
26/03/2012	199/12	Arpita Traders	Remi Brand	