

The Health Master

List of Laboratory instruments (Pharma & Cosmetics)

Instruments required for testing of Drugs other than those specified in Schedule C & C1

Crude Vegetable Drugs

General glassware
Balance (Analytical)
Microscope
Soxhlet Extractor
Water Bath
Refractometer
Oven
Hot Plate
TLC Kit
U.V. Chamber
Any Other Specialized equipment

Mechanical Contraceptives (Schedule R)

Leakage tester
Bursting col., Pressure tester
Vernier Caliper
Micrometer
Balance (Analytical)
Aging Oven
Equipment's for Package integrity test.

Surgical Dressing (Schedule FII)

U.V. Cabinet
Soxhlet extractor
Oven
Scale
Absorbency Tester
Balance (Analytical)
All equipment required for Sterility testing

Drug requiring Instrumental Analysis

UV/VIS Spectrophotometer
I.R. Spectrophotometer
Pallet maker and holder

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KBR discs(for nuzole mull)
Liquid Cell Holder
HPLC (Isocratic & Quarternary)
Type of detector
Required Columns
Gas Chromatograph
Type of detector
Required Columns
AAS (Flame / Graphite furnace / Hydride generator)
HPTLC
TLC
Fluorimeter
Poteniometric Titrator
Flame Photometer
Balance (Analytical)
Microscope
KF Titrator
Oven
Furnace
Water Bath
Fridge
Dissolution Test Apparatus
Basket Type
Paddle Type
Disintegration Test Apparatus
Melting Point Apparatus
Refractometer
Polarimeter
General Glassware
Chemicals
Stop watch
Water Distillation Plant
Particle Counter (Specially for LVP's)
710 micron Sieve for Uniformity of dispersion test
Platinum crucible
Any other instrument required for Specialized testing

Drugs requiring use of Microbiological Testing

General
Clean room.
Laminar Flow
Biosafety Cabinet
Autoclave for sterility
pH Meter

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Gas Burner
Water Bath
Incubator
Filtration unit
Vacuum Pump
BOD Incubator
Refrigerator
Balance (Analytical)
Glass wares
Centrifuge
Microscope
Other general equipment required for general day to day activity
Cultures

Special requirements other than General for:

Disinfectants

Platinum loop
Proper Culture
Stop Watch
Oven up to 35oC

Antibiotics

Spectrophotometer
Vernier Caliper / Zone Reader
Proper Culture
Borer
Media

Vitamins (excluding electrophoresis)

Spectrophotometer
Vernier Caliper / Zone Reader
Vortex Mixer
Culture
Media
Borer

Sterility

Filtration Unit
Vacuum Pump
Media

The Health Master

0.45m Pore Filter Paper Sterile
Sterile forceps
Scissors
Bone cutter
Surgical blade
Ampoule Cutter
Sterile Gloves
Face Masks
Caps
Sterile garments

Endotoxins

LAL Reagents
Heating block
Sterile test tubes
Vortex mixer
Sterile tips
Pipettes tips (Pyrogen free)
Stop watch
LAL Water / Pyrogen free Sterile distilled water

Pyrogen

Animal House
Pyrothermometer / Rectal thermometer
Sterile syringes, needles
Pyrogen free glassware
Pyrogen free Sodium Chloride Solution / Water
Animal Holding Stands

Sterilized surgical Sutures and Ligatures

Sterility testing facilities
Tensile Strength Tester

Sera Vaccines

Sterility testing facilities and other specialized testing facilities required for Testing Sera vaccines

Pharmacological Testing:

Operation Table
Kymograph

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Water Bath
Manometer
Cannula
Oxygen Cylinder
Other equipments required for Pharmacological testing

Cosmetic Testing:

Pay-off test apparatus
Break load apparatus
Foam height apparatus
Scratch test apparatus
Drying time apparatus
Penetrometer for consistency
Rotating Viscometer