

BETA SCIENTIFIC EQUIPMENTS

A Right Choice for your Lab requirements

**Manufacturers &
Traders of All kind of
Lab Equipments**

- ▶▶ SALES
- ▶▶ SERVICE
- ▶▶ CALIBRATION
- ▶▶ AMC
- ▶▶ TAILORED
MADE EQUIPMENTS
CAN BE DESIGNED



BOD INCUBATOR



LAMINAR VERTICAL MS



DIGITAL MELTING
POINT APPARATUS



MICROSCOPE



VISCOMETER



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INTRODUCTION

We take pleasure in introducing ourselves as Scientific Equipments Suppliers. Beta Scientific Equipments founded in 2002 is one of the leading suppliers of analytical Lab Equipments, Engineering education equipments and various testing equipments for Paint Industry, Petrochemical, Pharmaceutical Industry etc.,

In addition to this we are engaged in dealing with Hygiene equipments for general applications.

Our object is to provide a one stop shop for all your industrial requirements.

We supply equipments at competitive rates, quality service and competent delivery schedules.

We have experienced team in the field of Lab Construction, supply and Calibration of the equipments. We also under take service contract for Various equipments. Thus we cater to the needs of every industry & Institution.

Anticipating your support in this regard.



STIRRER



MUFFLE FURNACE



HOT AIR OVEN



FRIABILITY APPARATUS



VERTICAL
AUTOCLAVE



CHILLER



AUTOCLAVES



SEED GERMINATOR



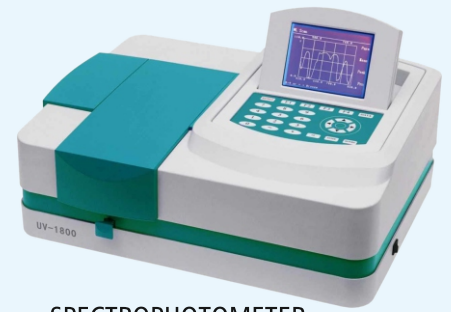
PH/MV/TEMP METER



ROTARY EVAPORATOR



THERMAL CONDUCTIVITY OF LIQUIDS



SPECTROPHOTOMETER



ROTAMETER



CONSTANT TEMPERATURE BATH



DISCHARGE OVER NOTCHES



FERMENTOR



BALANCES



DISSOLUTION TESTER



GAS FLOW METER



TABLET HARDNESS TESTER



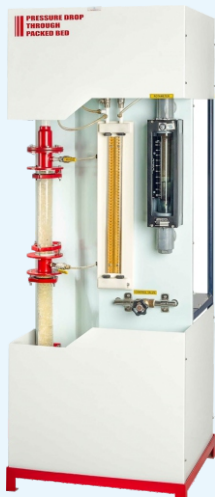
REFRACTOMETER



POTENTIOMETER



POLARIMETER



PRESSURE DROP THROUGH
PACKED BED



PERISTALTIC PUMP



HEAT TRANSFER IN FORCED
CONVECTION



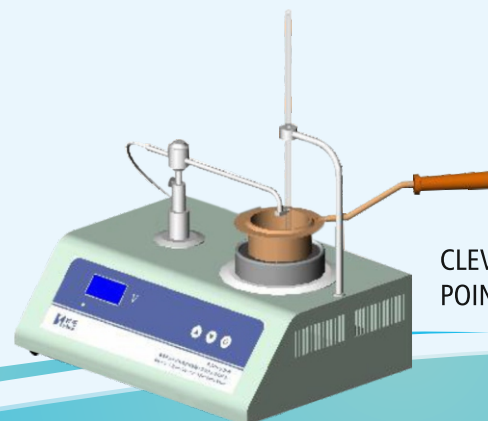
COLORIMETER



BOMB CALORIMETER



COD APPARATUS



CLEVELAND FLASH
POINT APPARATUS

ANALYTICAL INSTRUMENTS:

P H Meter
TDS / Conductivity Meter
Spectrophotometer
Scanning
Flame photometer
Colorimeter
Potentio meter
Melting point apparatus
Karl fisher apparatus
COD apparatus
D O Meter
Flame Photometer
Balances
Microscope
Oven
Muffle Furnace
Polarimeter
Refractometer
Hot Plate
Water Bath
Water Still

CENTRIFUGES:

Medico, Micro, Gerber
Laboratory model with LCD and
LED display / Research Model
Refrigerated / Oil centrifuge

AUTO CLAVING STERILIZER:

Cooker type
Non electrical / electrical
w/timer w/Digital Display
Microprocessor Control
Vertical, Horizontal
Double Door & High Pressure

Bio-Technology Instruments:

Lyophilizes
Fermentor
Bio-reactor
Co2 Incubator
BOD Incubator

ICE Flaking Machine
Shakers
Kjeldhal Digestion & Distillation Unit
Electrophoresis Apparatus
with power supply
Laminar Flow Apparatus
Bio safety cabinet
Serological Water Bath
Fume Hood.

EFFLUENCE TREATMENT**PLANT:**

Stability Chamber
BOD Incubator
ORP Meter
TDS Meter
Conductivity Meter &
Magnetic Stirrer
Oven
Muffle Furnace
Turbidity Meter

STIRRER:

AC /DC Lab Stirrer
Direct Drive
Geared Drive
Homogenizers Emulsifier
Magnetic Stirrer
Shakers & Mixer

PHARMA:

Dissolution Tester
Disintegration
Tablet Tester
Electro Magnetic Sieve
Tap Density App. Shaker
Bulk Density
Peristaltic Pump
Rotary Evaporator
Hardness Tester
Friability Test
Capsule Filling Machine
Jar Test Apparatus

PUMPS:

Vacuum Pump
Diaphragm

DISTILLATION APPARATUS:

Simple Distillation
Reaction Distillation
Fractional Distillation
Liquid – Liquid Extraction Unit
Solid – Liquid Extraction Unit

HYDRAULIC PNEUMATICS:

Pressure & D P Switch
Industrial pressure Gauge
Level Measurement
Rotameter
Gas Flow Meter
(Wet Type / Dry Type)

FUEL & OIL TESTING EQUIPMENTS:

Constant temperature bath (High & Low Temp.)
Cleveland Flash Point Apparatus
Drop Point Apparatus
Flash Point app – Abel & Pensky
Junker's Gas Calorimeter
Bomb Calorimeter
Penetrometer
Smoke Point Apparatus
Softening Point Apparatus
Viscometer: Brookfield, Flowcup,
Zahn cup, Engler, Redwood, Saybolt
Aniline Point Apparatus
Copper Strip Corrosion Apparatus
Softening Point Apparatus
Rams Bottom Apparatus
Carbon Residue Con Randsm Apparatus

**EDUCATIONAL ENGINEERING
EQUIPMENTS:**

Heat Transfer Lab: Two Phase Heat
Heat Transfer: Transfer Unit
Fluidized BED

Heat Transfer Unit

Conduction: Thermal Conductivity of Liquids

Thermal Conductivity of Metal Rod

Convection: Heat Transfer in forced convection

Natural convection

Radiation : Emissivity Measurement apparatus

Stefan Boltz mann's apparatus

Heat exchanger: Parallel flow / counter

Flow Heat exchanger

Shell & tube exchanger

Condensation: Vertical & Horizontal

Condenser

Dropwise & Filmwise

Condensation apparatus

Single effect evaporator

CLOSED CIRCUIT SYSTEM:

Discharge Over Notches

Losses Due to Pipe fittings, sudden

Enlargement of contraction

HYDRAULIC BENCH & ACCESSORIES:

Losses due to friction in pipe lines

Venturimeter, Orifice meter

Reynolds apparatus

PUMPS & TURBINES:

Centrifugal pump test rig

Multistage, Variable speed

Series & parallel centrifugal pump test rig

HYDROLOGY & FLOW CHANNEL LAB:

V and Rectangular

Notch Weir

PiTot tube & Manometer Board

Refrigeration & Air Conditioning Lab:

Refrigeration Test Rig Vapour

Compression cycle (Trainer / Water cooler test)

Split Air Conditioning test Rig

Combined flow reactor

Recycle Bed Reactor

MOMENTUM TRANSFER LAB:

Pressure drop through packed bed

Fluidized Bed Characteristics

Flow through helical coil

Flow through spiral coil

SIZE REDUCTION:

Jaw Crusher

Roll Crusher

Ball Mill

Rod Mill

Hammer Mill

SCREENING:

Rotab Sieve Shaker

Cyrotory Sieve Shaker

SEPERATION:

Cyclone Seperator

Froth Floatation cell

FILTRATION:

Rotary Vacuum Filter

Leaf Filter

MIXING:

Fluid Mixing and power consumption in Agitated vessel

MASS TRANSFER LAB:

Extraction: Liquid – Liquid extraction in a packed tower

Spray Tower

Distillation: Packed Bed

distillation column

Steam distillation

Diffusivity Measurement

Liquid Diffusion

Tray Dryer

Simple Distillation

Vapour – Liquid Equilibria

Cross current Extraction

Wetted wall column

Solid – Liquid Leaching

DRYING:

Forced Draft Tray dryer

Rotary dryer

PROCESS CONTROL &

INSTRUMENTATION LAB:

Dead Weight Pressure gauge tester

Temperature control trainer

GENERAL TEST EQUIPMENTS:

Thickness Gauge

Surface Roughness Tester

Hardness Tester

Digital Tachometer

Anemometer

Sound Level Meter

Lux Meter

Distance Meter

AGRICULTURAL LAB :

Seed Germinator

Stability Chamber

Serological Water Bath

Thermostatic Water Bath

Material Storage Cabinet Vertical

Rotary Shaker

Heating Mantle

Rotary Vacuum Flash Evaporator

Tray Dryer

Dehumidifier

Humidifier

Colony Counter

Low Temperature Bath

I.R. Moisture Balance

Thermometer with various probes

Refractometer – pocket/Abbe

BOD Incubator

Laminar Flow

Humidity Cabinet

Top Pan Balance

Soil pH Meter

LAB ESSENTIALS :

CHEMICALS :

GLASSWARES :

RUBBERWARES :

HYGIENE EQUIPMENTS:

Lab Interior

Lab Furniture

Hand Dryer

Air Curtains

Air Conditioners



FLAME PHOTOMETER



ORBITAL SHAKING INCUBATOR



CENTRIFUGE



FREEZERS



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