



**Sarex Overseas**

Sarex stands for quality Products!



# R&D EQUIPMENTS

Our **R&D laboratory** are located in MIDC Tarapur which is about 100 km north to Mumbai, Maharashtra.

We specialize in **producing high value fine chemicals**. Besides our regular products, we strive to develop new products based on customer's requirements. Our R&D center plays crucial role in handling **complex chemistries and developing newer technologies**. We have developed a few Hydroxy Phenyl Triazines which are UV absorber and light stabilizers used as additive in plastics and coatings to enhance their performance.



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## LAB AUTOCLAVE

01

- ▣ Make - Nano-Mag
- ▣ Material of Construction - SS316
- ▣ Capacity - 2000 ml
- ▣ Pressure - Max.100 kgs
- ▣ Temperature - Max. 250°C
- ▣ RPM - Max. 1000
- ▣ Rupture disc
- ▣ Condenser
- ▣ Thermowell
- ▣ Internal cooling coil



## ROTARY EVAPORATOR

02

- ▣ Make - Buchi Labortechnik AG, Switzerland
- ▣ Model - Rotavapour R-300
- ▣ Power - 3 Watt
- ▣ Temperature - Max.220°C
- ▣ Inbuilt Chilling system
- ▣ RPM - Max. 1000
- ▣ RPM - 10-280
- ▣ Flask capacity - Max 3.0 ltr.
- ▣ Diphran vacuum Pump  
Max. Vaccume - 2 mbar
- ▣ Smart Temperature control



## BALL-MILL

03

- ▣ Make - Classic scientific, India
- ▣ Capacity - Max 5 kgs.
- ▣ Material of Construction - SS316
- ▣ RPM - 4 to 80
- ▣ Uses - Grinding, Milling & pulverizing of Dry or Wet Material
- ▣ SS 316 Balls & Rods for milling



## DIPHRAM VACCUM PUMP

04

- ▣ Make - Vaccubrand, Switzerland
- ▣ Model - MD4C NT AK+EK
- ▣ Wetted part - PTFE
- ▣ Max. Vacuum - 1 mbar



## FUME HOODS

05

- ▣ Made from 18 mm thick Polypropylene sheet
- ▣ Working TOP - 18 MM thick jet black Granite
- ▣ Total Fume Hood - 6



## ROTARY EVAPORATOR

06

- ▣ Make - Schmizo, Switzerland
- ▣ Filter system - DN60 Detachable Filter Plate DN60, Porocity P3 (16-40micrometer) for the use between two flanges
- ▣ Bottom discharge valve
- ▣ Heating cooling
- ▣ Jacketed assembly
- ▣ Filtration under stirring under vaccum



## OVERHEAD STIRRER MOTORS

07

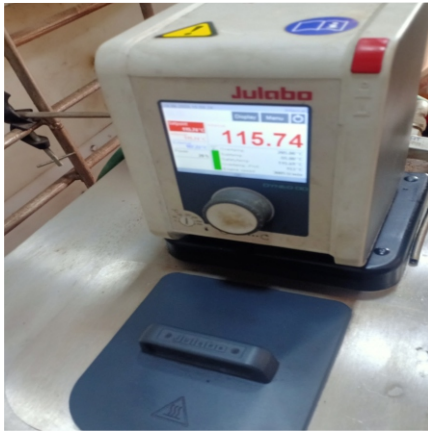
- ▣ Make - Deepali Industries
- ▣ RPM - 60-600
- ▣ Digital speed indicator
- ▣ Speed - Reverse & Forward



## GLASS REACTOR

08

- ▣ Make - Schmizo, Switzerland
- ▣ Reactors - 2.0 nos
- ▣ Capacity - 2.5 Ltr & 5.0 Ltr with overhead motor stirrer
- ▣ Flat flange Schmizo, heating cooling, Jacket wide shape, Bottom discharge, Valve 10 mm inlet / outlate Spherical Joint
- ▣ Oring for flat flange Schmizo
- ▣ Teflon FEP Covered Jacket with hot oil and chilled oil circulation
- ▣ Agitator - Propeller and Anchor
- ▣ Reflux, Distillation Arrangement



## HEATING AND COOLING SYSTEM

09

- ▣ Make - JULABO
- ▣ Model - Dyneo
- ▣ Function - Refrigerated Heating Circulator
- ▣ Working Temperature - 50-200°C
- ▣ Temperature display - 3.5" TFT Display
- ▣ Filling Volume - 7.5 Ltr.
- ▣ Weight - 51.5 kg
- ▣ Bath Tank - Stainless steel
- ▣ Cooling Compressor - Air
- ▣ Smart Auto temperature Control



## PH METER

10

- ▣ Make - OKTON
- ▣ Reads pH, mV, and temperature
- ▣ Three-point pH calibration auto
- ▣ buffer recognition
- ▣ Automatic Temperature Compensation (ATC)
- ▣ Toggle between pH and temperature in °C
- ▣ Push-button operation; hold function; auto-off



## TRAY DRYER

11

- ▣ Make - Biotechnics, India
- ▣ Temperature - 50-200°C
- ▣ Outside Body - MS Powder coated
- ▣ Material SS316
- ▣ Number of Trays - 3
- ▣ Heating Media - Electrical
- ▣ Smart Auto cut Off



## TLC UV CABINET

12

- ▣ Make - Komal Scientific, India
- ▣ Light Source - UV lamp
- ▣ Material - Stainless Steel
- ▣ UV Tube Length - 12"
- ▣ Wavelength - 254 nm and 365 nm
- ▣ UV Tube - Short & long and day light
- ▣ This self contained unit is designed for easy viewing of Thin plate Chromatograph
- ▣ A glass filter in the viewing window protects the eyes against reflected short wave UV Light

# C E R T I F I C A T I O N S



OHSAS  
18001:2007



ISO  
14001:2015



ISO  
9001:2015



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THANK YOU!

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