

REACTORS

FERMENTORS



- ★ Ideal for batch, fed batch, continuous fermentation & cell-culture.
- ★ Autoclavable / Insitu sterilis glass & stainless steel options.
- ★ Totally contaminations free design.
- ★ Very compact & versatile unit.

GLASS AUTOCLAVES



- ★ Maximum working temperature 150°C
- ★ Maximum working Pressure 6kg/cm² & 3kg/cm² for jacketted glass body
- ★ Temp Controller
Microprocessor based PID Temp. Controller & alarm system

HEATING & COOLING BATHS



- ★ Cryostat baths upto -70°C & Heating baths up 350°.
- ★ Heating & Cooling in common bath.
- ★ ECO friendly & energy efficient system.
- ★ Accurate temperature control upto +0.2°C

HIGH PRESSURE AUTOCLAVE



- ★ Maximum working temperature 250°C or (482°F)
Optional upto 500°C or (932°F)
- ★ Maximum working Pressure 1000kg/cm²
Optional upto 350kg/cm²

MAGNETIC DRIVE COUPLING



- ★ Maximum working temperature 250°C
Optional upto 500°C
- ★ Maximum working Pressure 100bar(kg/cm²) or 1450psi
Optional upto 350 bar (kg/cm²) or 5000psi. For (a)-(c)

NON STIRRED PRESSURE VESSELS



- ★ Maximum working temperature 250°C or (482°F)
Optional upto 500°C or (932°F)
- ★ Maximum working Pressure 100kg/cm² (1500psig)
Optional upto 350kg/cm² (5000psig).

REACTORS

PLANT SCALE HIGH PRESSURE REACTORS



- ★ Size
50 To 1000Lts.
- ★ Maximum working Pressure
 70kg/cm^2 (1000Psi)
- ★ Maximum working temperature
350°

PRESSURE LEAF FILTERS



- ★ M.O.C Shell
Carbon steel, stainless steel (304, 316, 316L).
- ★ Vibrator
Mechanical for Vertical
- ★ Sizes
 1m^2 - 60m^2 For vertical & 5m^2 - 100m^2 for horizontal

ROCKER/SHAKER AUTOCLAVES



- ★ Maximum working temperature
200°C
- ★ Maximum working Pressure
 35kg/cm^2 / 500 psig
Optional upto 3kg/cm^2 for glass body

SPAKLER HORIZONTAL FILTER PRESS



- ★ Maximum working temperature
100-200°C
- ★ Maximum working Pressure
 5kg/cm^2

OTHER ACTIVITIES

- ☞ Calibration:-
 - Thermal
 - Mechanical
 - Electrotechnical Hepa Filters
- ☞ Clean Room Validations
- ☞ ETP Design & Maintenance
- ☞ Clean Room Designing Projects
- ☞ Complete Laboratory Setup & Training



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