

INDIA introduces its New Product - **LABORATORY PRESSURE REACTORS / AUTOCLAVE**

Concept

Available in 2 Designs -

1. **Removable Head Vessel Design** - for vessels upto capacity 20 litres
2. **Fixed Head Vessel Design** - for vessels exceeding capacity 20 litres

Vessel

- Stainless Steel Construction
- Designed as per ASME SEC. VIII Dn. 1 & 2
- with Bottom Flush Valve
- with Heating or Cooling Jacket
- provision of Double Jacketting

Stand

- Stainless Steel Construction
- with Manual, Electric or Hydraulic Vessel Lift (Fixed Head Vessel Design)
- with Vessel Pivoting function (Fixed Head Vessel Design)
- with Foots or Castor Wheels (Mobile Vessel Design)



Agitator Drive

- Sealless Magnetic Agitator Drive - Zero Leakage (Self Make)
- 10 to 1440 RPM with VFD Transmission
- Thread Mounting Design up to 20 L capacity
- Monoblock Design for capacities exceeding 20 L

Cover Plate

- with 8 Nos. of Openings
- Accessories like Cooling Coil, Bursting Disc, Temp. Sensor, PSV, Pressure Gauge, Sparger etc provided

Options

- Material of Constructions Like - Hastelloy, Titanium, Alloy 20 etc
- Higher Pressure & Temperature
- Special set-ups like distillation with Reflux, Instrumentations, Sensors, Heating & Cooling System etc.

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DS - 001
ACL - 01.09.11



Laboratory Pressure Reactors / Autoclaves

for safe & efficient pressure reactions



- ⦿ **Efficient**
- ⦿ **Reliable & Safe**
- ⦿ **Corrosion Resistant**
- ⦿ **Easy Handling**
- ⦿ **Sealless Magnetic Agitator Drive**
- ⦿ **Choice of Accessories**
- ⦿ **Capacities from 2 to 500 L**
- ⦿ **Pressure up to 150 bar**
- ⦿ **Speed from 10 - 1440 RPM**
- ⦿ **Temperature up to 300°C**

Applications

- Hydrogenation
- Catalyst Testing
- Polymerization
- Crystallization
- Synthesis
- Other