LabhGroup
Empowering Business
Transforming World!



Global Leader in Providing Next Generation Turnkey Solution to Chemical Processing Industries!

www.labhgroup.com

Presenting

Industrial Chemical Reactor

LabhGroup

30+ Years of Rich Experience | **100+** Countries Global Presence | **10000+** Delighted Customers

Reactor Vessel For Chemical Plant



Jacketed Reactor



Limpet Coil Reactor



GMP Reactor

Chemical Processing Machines Divison

Global Leader in Next Generation Chemical Processing Plant & Machinery

ISO 9001:2015 CERTIFIED | ISO 14001:2015 CERTIFIED | European Coformity CE Certified Products | GMP Quality | Executive Member FIEO Federation of Indian Export Organizations

Technical Specifications

Particulars	Specifications
Name	Industrial Chemical Reactor
Function	For carrying out chemical reactions in industries
Capacity	1000 L to 10000 L (Customizable)
Reactor Type 1	Reactor agitator (includes structure, agitators and gearbox assembly)
Reactor Type 2	Limpet coil reactor (With coils for heating & cooling)
Reactor Type 3	Jacket insulated cladded reactor (With insulation for cooling and heating during exothermic or endothermic reactions)
Reactor Type 4	Stainless steel chemical reactor (with a driving device, stirring device, heating device, cooling device and sealing device)
Code of Construction	ASME SEC VIII DIV.I or equivalent
Material of Construction	IS 2062, IS 2002, SA 516, SS 304, 304L, SS 316, 316L
Supporting Stand Type	Single fulcrum, Double fulcrum
Application 1	Chemical industry, process plants
Application 2	Cosmetics industry

Application 3	Pharmaceutical industry
Application 4	Fertilizer industry
Application 5	Petrochemical industry
Warranty	1 +1 year extended warranty
Power Supply	440 Volts, 50 Hz, A.C., Three phase with neutral (can also be designed as per specific requirement)
Note	Exact specifications may vary and shall be made available upon specific request.

Salient Features

- Equipped with an agitator which is used to stir the reactants and provide efficient mixing, it can be a paddle, turbine, or anchor type depending on the viscosity and properties of the reaction mixture
- Equipped with heating or cooling system is required to maintain the desired temperature for the reaction which is achieved using external heating or cooling coils, internal coils, or jacketed vessel
- Designed with sensors, instrumentation, and feedback control loops control system to monitor and regulate the temperature, pressure, and other process variables during the reaction
- Aesthetically and ergonomically build machine for best performance
- Produced in an advanced state of the art manufacturing facility
- World class bought out items for optimum operations
- Designed to work 24 hours, round the clock
- Operator friendly machine, hence easy to operate and maintain
- Low maintenance and operating cost
- Sturdy design to ensure long life and trouble-free operation

Send your inquiry now

Our Range of Chemical Processing Machines

- Chemical Reactor
- Pressure Vessels
- Steel Pressure Vessel for chemical industry
- Adhesives Glue Making Plant & Machines
- Paint Varnish Making Machine & Production Line
- H_2SO_4 Acid Plant - Manufacturing Plant
- Stabilized Bleaching Powder Production Plant
- Sodium Hypochlorite Plant - Manufacturing Machine
- Calcium Carbonate Production Plant
- Alkyd Resin Manufacturing Plant & Machines
- Polyester Resin Production Plant Machinery
- Epoxy Resin Making Plant & Machine
- Acrylic Resin Production Plant
- Phenol Formaldehyde (PF) Resin Plant
- PVA Emulsion Manufacturing Plant

About Labh Group

Labh Group is a global engineering and technology-driven industrial conglomerate with headquarter in India. We provide complete end-to-end next-generation smart, innovative turn-key solutions to diverse industries across the globe. With **30+ years** of rich experience and presence in **100+ countries**, we have helped **10000+ customers** to excel and outperform in their industry.

Leveraging over an experience of around three decades, we continuously reinvent to help our customers achieve better results and create a more sustainable world for our current and future generations.

Living by our core values of excellence, respect, care and joy, we at Labh Group are committed to provide best advice, best quality products, at the best price with the best service, always!

We help our customers write their future!
We are LabhGroup!



(Click to watch our corporate video)

8 Outstanding benefits our customers enjoy



1. Expert guidance

Get the best advice from our experts to help you make the right decision



2. Complete turn-key Solutions

Our state of the art end to end one stop 360 turn-key solutions for smooth execution



3. Most competitive price

Very reasonable price for a long term win-win partnership



4. Best quality machines

Optimally designed high quality machines for best performance and long working life



5. Installation & Commissioning

Smooth and perfect installation by our expert technician at your site



6. Automation and upgradation

Increase productivity & profitability with our advanced technology



7. Knowledge Sharing

Stay ahead of your competitors with our latest industry development and trend mailers



8. Lifetime Support

Prompt and efficient after-sales support by our dedicated technical team through email, call or site visit

Our Global Presence



30+
Years of rich experience

100+
Countries - Global presence

10000+
Delighted customers

Get In Touch

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