pope
SCIENTIFIC INC
Solution Driven.

APPLICATION-TAILORED SOLUTIONS

Vessels, Reactors & Turnkey Processing Systems

Vessels, Reactors & Turnkey Processing Systems

OVERVIEW

Pope Scientific offers a wide variety of stainless-steel portable pressure vessels, reactors, blenders, and fully turnkey processing systems. Our portable pressure vessels are all manufactured, certified and permanently stamped according to ASME Section VIII requirements to ensure safety. They are available in a wide array of sizes, finishes and additional customizable options.

For unique applications, traditional and highly customized reactors are offered, as well as fermenters, dispensers, mixing or homogenizing units, hydrogenators, evaporators, distilling boiling pots, and other dedicated or general use vessel systems.

We also offer complete, custom processing systems for clients. These systems often incorporate many items peripheral to a process vessel or reactor, including additional vessels, filter systems, chillers, heaters, pumps, heat exchangers, condensers, load cells, powered lifts, vacuum systems, fractionating columns and other components, as well as recorders, controls or computer/PLC control systems. Skid mounting or portable heavy carts are offered.

Pope's experienced application specialists are available to discuss specific requirements and engineer a total solution for your unique application. Contact us today to discuss your needs and discover what options we can offer.

30-L Reaction and Nutsche Filter System with Feed Vessel Lift

CAPABILITIES

- Pressure vessels from 0.2 to 1000 Liters

- Complete custom turnkey processing and liquid handling systems designed to suit client processing applications requirements

- Integrated with valving, mixers, sensors, heaters, condensers, pumps, instrumentation, and control systems, etc.

- High purity chemical, pharmaceutical, food use fabrication and finishes

- Stainless steel, Hastelloy and other materials, ASME standard, TSSA, CE/PED, UN/DOT, etc.

Pope Mixing Vessel with Pneumatic Lift and Data Recorder

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15-Gallon Portable Vessel with Wheel and Handle Set-Up

Pressure Vessels with Level Indicators

25-L and 100-L Jacketed Sanitary Mixing Vessels with Pope Series 800 Mixers

5-Gallon Vessel System with Pneumatic Mixer, Liquid Pumps, XP Rated.

10-Gallon Dockable Pharmaceutical Dispensing System, Removable Vessel and Precision Pumps & Flow Meters

25-L Sanitary Mixing Reactor with Pope Series 800 Mixer

75-L Reactor with Addition Funnel, Series 800 Mixer and pH Transimitter

140-L Pharma Certified Reactor with Mixer, Load Cells, Cart, and Removable Head

6-L Jacketed Reactor with Pope Series 700 Mixer

25-L Mixing Vessels with Load Cells, Carts

600-L Turnkey Reacting, Blending, Adsorption, and Evaporation System for Pharmaceutical Synthesis Processing

Special Vessel System for Pharma with Cart

Portable Reactor System with Thermal Circulator, Pump, Reflux Collector, Load Cells and Recorder

25-Liter Reaction and Distillation System

Turnkey Isolation System w 30-L Crystallizer & 25-L Nutsche

Mixing Reactors with XP Mixers for Pharmaceutical Use

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For 60 years, Pope Scientific Inc. has been at the forefront of manufacturing chemical processing equipment, engineered systems and laboratory apparatus for science and industry. Internationally known, Pope provides specialized technical expertise in the design and manufacturing of chemical processing equipment.

SOLUTIONS FOR CHEMICAL PROCESSING EXCELLENCE

Lab, Pilot & Large Scale Production Capabilities

- Wiped-Film Molecular (Short Path) Stills and Evaporators
- Batch and Continuous Fractional Distillation Systems
- Hybrid Wiped-Film / Fractional Distillation Systems
- Pressure Vessels, Reactors, and Process Vessel Systems
- Nutsche Filter – Dryers
- Sanitary / Pressurizable Mixers
- Cannabis Specialties
- Toll (Contract) Distillation, Process Development and Testing Services

POPE – WHEN PROCESS EXPERTISE AND SUPPORT MATTER.