

Packaged Pressure Systems



**Autoclave
Engineers** 

Packaged Pressure Systems

Since our beginning in 1946, Parker Autoclave Engineers has been the world's market leader in the development and manufacture of high and ultra-high pressure components, valves and systems. At our modern factory in Erie Pennsylvania, USA we have engineers with the specialized experience to design and create products commonly used to control pressures exceeding 100,000 psi (6900 bar) while consistently exceeding customer expectations.

Using the knowledge developed over the last 65 years, Parker Autoclave Engineers Packaged Pressure Systems have been developed to incorporate any of our Air-Driven, High Pressure Liquid pumps, valves and fittings into a wide range of self-contained portable, or custom framed modules that "plug and play" for virtually any test, control, or injection system you can imagine. They vary in size, flow capability, output pressure and can include optional features such as chart recording, data logging, cycle counters, injection controllers and almost any kind of electric or pneumatic valve control option. Applications include: Hydrostatic/Burst/Leak/Functional testing, Chemical injection, Valve/Hose/Gauge testing, Bolt tensioning, Hydraulic Control systems, Laboratory Research and Autofrettage systems.



Portable Pressure Systems

Move your high pressure test stand anywhere you need it to be...

- Powder Coated Steel, Stainless Steel or Aluminum Frame Options
- Single or Dual Pump Systems with or without reservoir
- Utilizes any Combination ASL, ACL, ACHL, AFL, or AHL Air-Driven Liquid Pumps
- Outlet Pressures to 60,000 PSI (4140 bar) – Flows to 7.6 GPM (29 lpm)
- Vertical or Horizontal Frame Designs with Optional Casters
- Totally Self Contained-Electricity not Required, Only Air
- All Air Controls Included, No Lubrication Needed
- Isolation Valves, Relief Valves, Rupture Disks, Stroke Counters and other Options Available



Custom Pressure Systems

Modify the Standard Design to Incorporate Specified Instruments or Request Fit-for-Purpose Designs

- Powder Coated Steel, Aluminum or Stainless Steel Open/Enclosed Frame Options
- Fit-for-Purpose Enclosures/Benches/Reels or Test Chambers
- Utilize any Parker Autoclave Engineers Air-Driven Liquid Pump
- Options Include All Standard Options plus: Remote Controlled Valves, Chart Recorders, Data Loggers, PLC or Computer Controls, and Digital Displays.

WARNING

FAILURE, IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS AND/OR SYSTEMS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.

This document and other information from Parker Hannifin Corporation, its subsidiaries and authorized distributors provide product and/or system options for further investigation by users having technical expertise. It is important that you analyze all aspects of your application and review the information concerning the product or system in the current product catalog. Due to the variety of operating conditions and applications for these products or systems, the user, through its own analysis and testing, is solely responsible for making the final selection of the products and systems and assuring that all performance, safety and warning requirements of the application are met. The products described herein, including without limitation, product features, specifications, designs, availability and pricing, are subject to change by Parker Hannifin Corporation and its subsidiaries at any time without notice.

Offer of Sale

The items described in this document are available for sale by Parker Hannifin Corporation, its subsidiaries or its authorized distributors. Any sale contract entered by Parker will be governed by the provisions stated in Parker's standard terms and conditions of sale (copy available upon request).



Instrumentation Products Division
Autoclave Engineers Operation
8325 Hessinger Drive
Erie, Pennsylvania 16509-4679 USA
PH: 814-860-5700 FAX: 814-860-5811
www.autoclave.com

Parker Hannifin Manufacturing Ltd.
Instrumentation Products Division, Europe
Industrial Estate Whitmill
Wexford, Republic of Ireland
PH: 353 53 914 1566
FAX: 353 53 914 1582

Caution! Do not mix or interchange parts or tubing with those of other manufacturers. Doing so is unsafe and will void warranty.

ISO-9001 Certified