



EXOTIC

AUTOMATION & SUPPLY

HUMPHREY VALVE SOLUTIONS

Humphrey[®]

HUMPHREY HAS SPECIALIZED IN THE DESIGN & MANUFACTURE OF SUPERIOR FLUID HANDLING & PNEUMATIC CONTROL VALVES FOR OVER 60 YEARS!

COUNT ON HUMPHREY FOR CUSTOMIZED AND MINIATURE VALVE SOLUTIONS!



Humphrey Specializes In:

- Solenoid Valves
- Inert Solenoid Valves
- Proportional Solenoid Valves
- Inert Proportional Valves
- Air Piloted Valves
- Manual Valves
- Mechanical Valves
- TAC Miniature Fittings



Common Applications:

- Medical
- Analytical Instrumentation
- Process Control
- Railroad Equipment
- Dental
- Transportation
- Manufacturing Equipment
- Environmental
- Material Handling & Conveyors
- Food Automation



HUMPHREY SOLUTIONS FOR LIFE SCIENCES



Humphrey[®]

MEDICAL VALVES FOR OXYGEN CONCENTRATORS

Humphrey Valves are used on thousands of oxygen concentrators around the world to ensure long-lasting quality for a better way of life. Products include:

- Custom valve assemblies for oxygen concentrators
- Custom valve manifolds for portable oxygen concentrators
- Diaphragm valves oxygen concentrators

MEDICAL VALVES FOR RESPIRATORY DEVICES

Humphrey manufactures a variety of medical device valves for respiratory care and patient ventilation equipment that provide precise and reliable flow capacity over a wide range of requirements. Products include:

- Proportional valves for critical care ventilation
- Custom manifold assemblies for medical ventilators
- Custom valve assemblies for respiratory care

MEDICAL VALVES FOR DIAGNOSTIC DEVICES

Humphrey's product portfolio includes various medical valve solutions for medical diagnostic devices that provide automation in a solenoid manifold structure. Humphrey's diagnostic device medical valve solutions provide:

- Material handling for cleaning fluids and expensive reagents
- Precise and consistent staining results
- Easier diagnosis
- Low leak rates
- Low power consumption
- Oxygen compatibility

VALVES FOR MEDICAL DEVICE REPROCESSING

Humphrey's medical device reprocessing valve solutions provide aggressive media compatibility, completely isolated flow path, encapsulated coil ideal for wet environments, compact design, very low leak rates, high flow rates & several styles and options to choose from.

VALVES FOR DIALYSIS EQUIPMENT

Humphrey's product line includes diaphragm isolated solenoid valves used in hemodialysis treatment. Their valves have a proven history for durability in dialysis equipment, with a compact design and high flow, allowing for optimal hemodialysis in both clinical and in-home care settings.



WHY CHOOSE HUMPHREY?

- Privately held, Michigan-based manufacturer since 1901 and have supplied fluid handling and pneumatic control products since 1957.
- 30 years of experience developing custom valve solutions and collaborating with client engineers on a peer-to-peer level as a fluid control system expert/partner.
- Humphrey offers an extensive selection of proven custom valve systems and proprietary sealing technologies.
- Humphrey has maintained regulatory experience and process control systems, including ISO 9001 certification, since 1997.



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