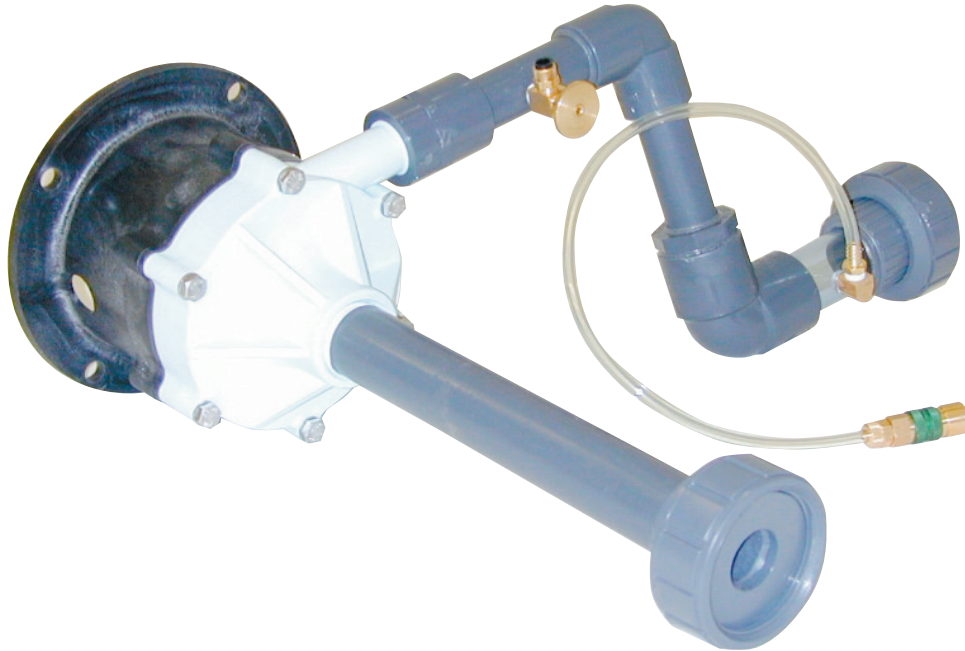


MAGNETIC PUMP LEARNING SYSTEM

95-PM1-G



The Magnetic Pump Learning System (95-PM1-G) covers the magnetic pump, which uses a magnetic coupling to prevent direct contact between the motor drive shaft and the pump impeller. This feature eliminates any possibility of leakage or seepage and makes the magnetic pump an ideal selection for pumping hazardous chemicals that could harm the environment or for expensive liquids where it is important to reduce loss. The 95-PM1-G curriculum explains the function, operation, installation, disassembly, inspection, and maintenance of a magnetic pump. Additional topics include: how to properly align the magnetic coupling; how to troubleshoot problems; how to select the correct magnetic pump for an application; how to determine a pump's flow/pressure characteristics; and how each component of the pump factors into the overall operation.

CURRICULUM IS THE KEY TO LEARNING

Learning Topics:

- Installation
- Operation
- Selection
- Maintenance
- Troubleshooting
- Function
- Flow/Pressure Characteristics
- Disassembly
- Inspection
- Components

The 95-PM1-G includes a polypropylene housed, c-face mounted magnetic pump with a centrifugal impeller, a piping network, a magnetic coupling, and a relief valve.

The polypropylene housing is chemically resistant, which allows the magnetic pump to move fluids such as acids, alkalis, plating solutions, sterile solutions, and brine for applications in hospitals, chemical laboratories, and wineries.

In fact, all of the included components are industrial-grade and will allow learners to gain immediate hands-on experience and practice that can apply to real-world mechanisms. This commitment to providing learners with top-flight equipment is one reason why Amatrol is the world's leader in skills-based, interactive technical learning.

TECHNICAL DATA

Magnetic Pump

- Polypropylene housing
- C-face mounting
- Centrifugal impeller
- Max head: 16 ft
- Flow: 13 GPM @ 8 ft head, 1725 rpm

Piping Network Magnetic Coupling

Relief Valve

- Aluminum body
- 50-175 psig adjustment range

(18617) Student Curriculum

Additional Requirements

- See <http://www.amatrol.com/support/computer-requirements>
- (950-PM1) Centrifugal Pump Learning System

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