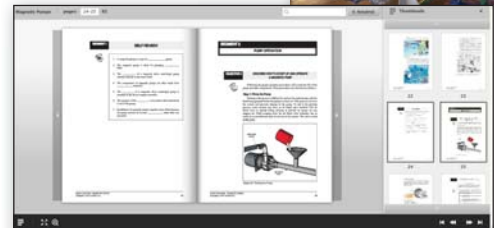
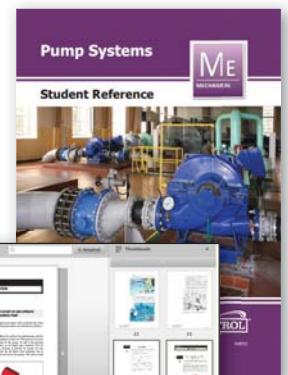


Magnetic Pump Learning System

95-PM1-G



95-PM1-G Learning System



Optional Online eBook and Student Reference Guide

Learning Topics:

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

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 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. By supplying real-world components, Amatrol proves why it's the world's leader in skills-based, interactive technical learning by allowing learners to practice on mechanisms they'd normally only find on the job, which develops both experience and confidence.



Technical Data

Complete technical specifications available upon request.

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

Student Curriculum (B18617)

Student Reference Guide (H19713)

Optional Online eBook (E18617)

Additional Requirements:

Centrifugal Pump Learning System (950-PM1)

Utilities

Drawn from 950-PM1

Industrial Grade Components for Real-World Training

The 95-PM1-G will teach learners invaluable skills, such as installation, operation, troubleshooting, disassembly and inspection of a magnetic pump, as well as measurement and graphing of the flow/pressure characteristics of a magnetic pump, and more. 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.



95-PM1-G Learning System

Basic to Advanced Magnetic Pump Curriculum Prepares Learners for a Job on Day One



Optional
Online
eBook

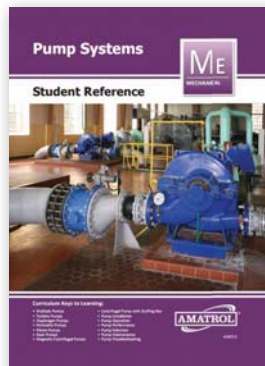
The Magnetic Pump eBook will show learners how to install, maintain, troubleshoot, and disassemble a magnetic pump. It will also advance learners' understanding of the varying uses and types of magnetic pumps. More specifically, learners will study the function of and operation of a magnetic pump system, the installation, start up, maintenance and troubleshooting of a magnetic pump. As an online option to the Learning Activity Packets (LAPs), Amatrol's eBooks look like a real book and allow users to flip between pages with ease.

Amatrol Provides World-Class Add-Ons

The Magnetic Pump Learning System (95-PM1-G) is offered as an additional learning system available to extend the capabilities of the Centrifugal Pump Learning System (950-PM1), creating options for advanced pump systems training in installation, operation, troubleshooting, function, disassembly, components, and more. Also available are the Student Curriculum (B18617), and Centrifugal Pump with Stuffing Box eBook.



950-PM1



Student Reference Guide

A sample copy of the Pump Learning System Student Reference Guide is included with the learning system. Sourced from the multimedia curriculum, the Student Reference Guide takes the entire series' technical content contained in the learning objectives and combines them into one perfect-bound book. If you would like to inquire about purchasing additional Student Reference Guides for your program, contact your local Amatrol Representative for more information.

