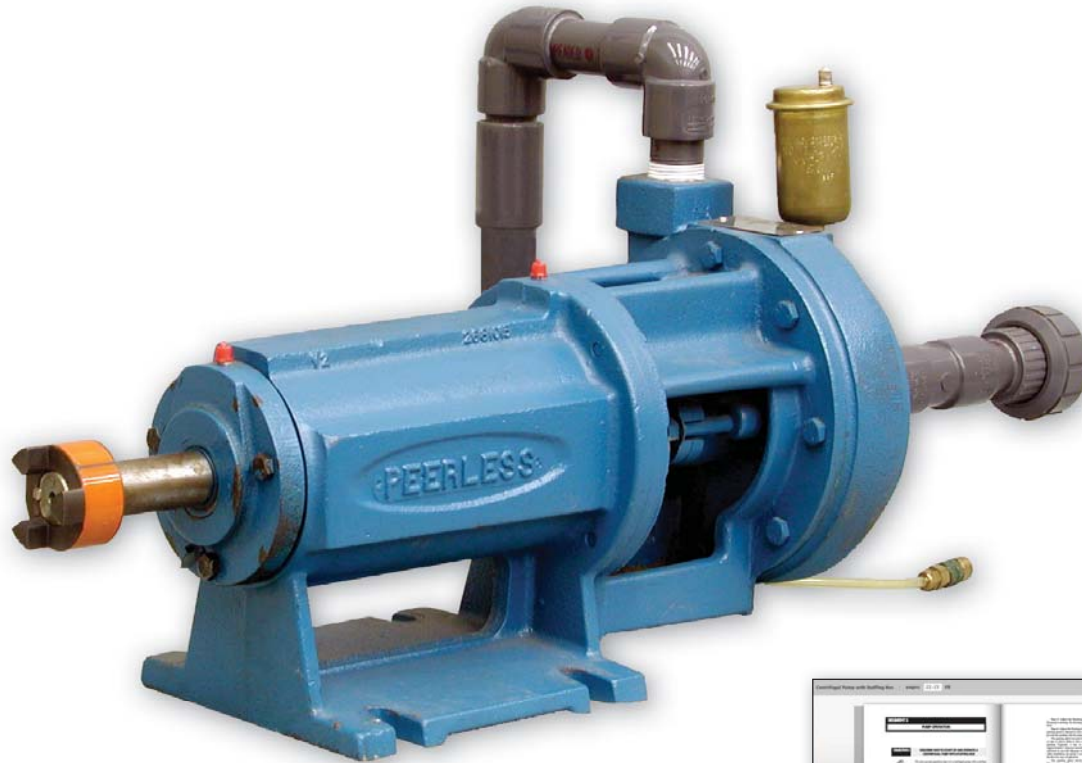
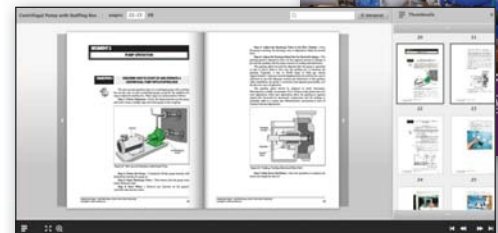


Centrifugal Pump with Stuffing Box Learning System

95-PM1-H



95-PM1-H Learning System



Optional Online eBook and Student Reference Guide

Learning Topics:

- Installation
- Operation
- Maintenance
- Troubleshooting
- Startup
- Flow/Pressure Characteristics
- Disassembly
- Inspection

The Centrifugal Pump with Stuffing Box Learning System (95-PM1-H) covers a pump design that, in spite of the modern mechanical seal, remains widely used in industry due to its cost-effectiveness and ability to avoid catastrophic failure. This feature makes it an ideal design for fire departments in fire pump applications. The 95-PM1-H explains the installation, function, and maintenance of a centrifugal pump with a stuffing box. Additional topics include: how to troubleshoot this pump design; what the flow/pressure characteristics of a centrifugal pump are; and how to startup and operate a centrifugal pump with a stuffing box.

The 95-PM1-H includes a cast iron-housed centrifugal pump with stuffing box and a piping network that features a pressure line, suction line, and pressure gauge hose. These components allow learners to practice skills on an industrial-grade centrifugal pump that they may work with at real-world job sites. 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.

Centrifugal Pump with Stuffing Box

- Stuffing box
- Cast iron housing
- Cast iron impeller design
- Stainless steel shaft
- Lovejoy coupling
- 13 gpm @ 8 ft head, 1725 rpm, maximum 16 ft.

Piping Network

- Pressure line
- Suction line
- Pressure gauge hose

Student Curriculum (B18620)

Student Reference Guide (H19713)

Optional Online eBook (E18620)

Additional Requirements:

- Centrifugal Pump Learning System (950-PM1)

Utilities

- Drawn from 950-PM1

Amatrol Provides Centrifugal Pump Training for Real World Applications

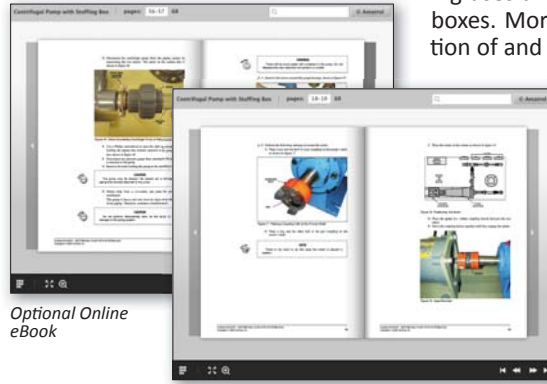
The Centrifugal Pump with Stuffing Box (95-PM1-H) creates options for advanced pump systems training in installation, operation, troubleshooting, disassembly, and more. It is offered as an additional learning system available to extend the capabilities of the Centrifugal Pump Learning System (950-PM1). The 95-PM1-H will teach learners invaluable skills, such as installation, operation, troubleshooting, disassembly and inspection of a centrifugal pump with stuffing box, as well as measurement and graphing of the flow/pressure characteristics of a centrifugal pump with stuffing box, and more.



95-PM1-H Learning System

Vital Centrifugal Pumps Skills and Concepts Throughout Amatrol's Curriculum

The Centrifugal Pump with Stuffing Box eBook will show learners how to install, maintain, troubleshoot, and disassemble the pump. It will also advance learners' understanding of the varying uses and types of centrifugal pumps with stuffing boxes. More specifically, learners will study the function of and operation of a centrifugal pump with stuffing box system, the installation, start up, maintenance and troubleshooting of a centrifugal pump with stuffing box. 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.



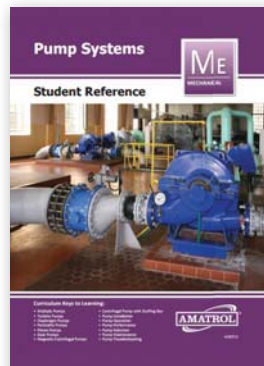
Optional Online eBook

Gain Even More Pumps Skills with the 95-PM1-G

Additional to the 95-PM1-H curriculum, learners can study the Magnetic Pump Learning System (95-PM1-G). Magnetic pumps use 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.



95-PM1-G Learning System



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.

