

PUMP PACKING AND MECHANICAL SEAL TRAINING SYSTEM

Model Number : GOTT-PPMS-E45



DESCRIPTION

This Trainer provides a realistic training introduction to the fundamentals of centrifugal pumps, which will make introductory courses in pump sealing, maintenance, and operation more productive, realistic, and memorable for learners.

The trainer components are also industrial grade, features a 7-gauge formed-steel baseplate with provisions for bench mounting, or mounting on related workstation products. It includes a clear acrylic backhead and stuffing box, allowing for complete visibility of the seal area, which aids in installation of many commercially-available mechanical seals. Additionally, aluminum components used on many features of this device, including in shaft assembly, spacer assembly, and simulated-power-end.

SPECIFICATION

- 7-gauge formed-steel baseplate with provision for bench-top mounting, and mounting related workstation products
- Clear acrylic backhead and stuffing box allowing for complete visibility of the seal area, and for installation of many commercially-available mechanical seals.
- PVC simulated impeller housing with water inlet, vent, and drain
- Aluminum shaft assembly, incorporating a stainless steel 1-3/4" shaft sleeve
- Aluminum spacer assembly, connecting impeller housing and power-end
- Aluminum simulated power-end, incorporating sleeve bearing and radial ball bearing for representative pump shaft support and rotation
- Provision for attaching leak-off tubing or coolant re-circulation tubing in the seal area
- Quick-disconnect tube fittings at all fill, vent, and drain locations
- Aluminum lantern ring
- Aluminum packing gland
- Acrylic replacement packing gland for mechanical applications
- Handwheel, allowing for shaft rotation
- Provision for mounting on bench, workstation and display products
- Product Dimension: Approximately, 343mm (W) x 609mm (L) x 355mm (H)

ACCESSORIES

- Spool of 3/8" braided packing
- Food coloring
- One pressure gauge with quick-connect fittings
- Hose and air adapter assemblies
- Vent and fill valve assemblies
- Two additional impeller housing gaskets
- Tool kit, including:
 - 6" Depth scale
 - Two packing pullers
 - Two lantern ring pullers
 - Packing pusher/driver
 - 1-3/4" diameter packing cutting mandrel
 - Six (6) pairs of disposable gloves
 - Inspection mirror
 - Crocus cloth
 - Plastic tool box

INCLUDED:

- Conventional Packing Assortment, Supplemental
- Big Bore" clear acrylic backhead with acrylic gland
- Type 1 Mechanical "Non-Pusher" Seal
- Type 8 Mechanical "Pusher" Seal

OPTIONAL ITEM :

- Heavy Duty Working Bench (**GOTT-PPMS-HWB**), Model No: **532-101**
The bench can be level, movable, solid and resistant to oscillation.



Manual

- (1) All manuals are written in English
- (2) Model Answer
- (3) Teaching Manuals

General Terms :

- (1) Accessories will be provided where applicable.
- (2) Manual & Training will be provided where applicable.
- (3) Design & specifications are subject to change without notice.
- (4) We reserve the right to discontinue the manufacturing of any product.

Warranty :

2 years

ORDERING INFORMATION :

ITEM	MODEL NUMBER	CODE
PUMP PACKING AND MECHANICAL SEAL TRAINING SYSTEM	GOTT-PPMS-E45	532-100
HEAVY DUTY WORKING BENCH (OPTIONAL ITEM)	GOTT-PPMS-HWB	532-101

* Proposed design only, subject to changes without any notice