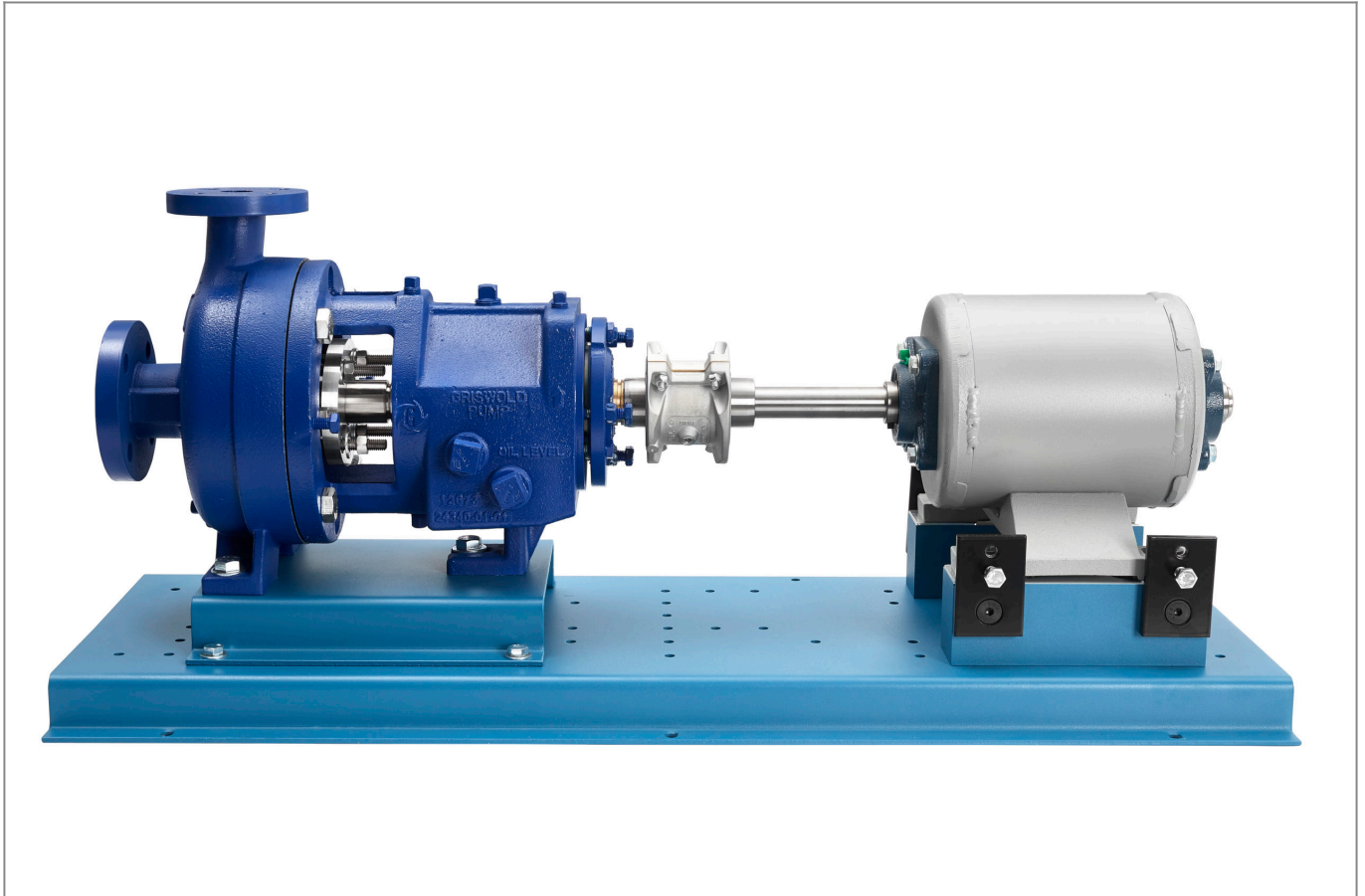


Pump Maintenance with Alignment Trainer



Model: 275E

DAC Worldwide's Pump Maintenance with Alignment Trainer (275E) is a realistic, benchtop training system relating to industrial pumps. Using an actual standard ANSI centrifugal pump, the trainer allows for instruction in the complete tear-down and assembly procedure for this common pump type.

Additionally, a clear acrylic backhead is provided, allowing for realistic instruction in pump packing procedures and the installation of mechanical seals.

Pump Maintenance Trainers Offers Glimpse into Industrial Pumps

Further, a simulated motor element is provided, allowing for training in shaft alignment. This motor element, through movable flanged bearings, allows for variation in angular and parallel misalignment.

The trainer includes the following components: ANSI centrifugal pump, backhead/stuffing box, aluminum motor element, replaceable steel shaft with keyways, and aluminum motor mounting pads.

FEATURES & SPECIFICATIONS

- 7-gauge, formed-steel, powder-coated baseplate with provision for table-top mounting.
- Actual Griswold ANSI pump (similar to a Goulds 3196 ST pump).
- Clear acrylic, standard bore backhead/stuffing box allowing for view of the packing/seal area.

- Aluminum motor element, based on a 184-frame motor, including movable flanged bearings.
- Replaceable 3/4"-diameter steel shaft with keyways (bent shafts easily installed).
- Heavy-duty, aluminum motor mounting pads with threaded inserts for motor element mounting.
- Provision for motor adjustment via jacking bolts.
- Allen wrench set.
- Combination wrenches.
- Spool of PTFE-type, 5/16", braided, non-asbestos packing (5' spool).
- Replacement gasket kit.
- Aluminum lantern ring.
- Clear acrylic replacement gland for seal installation.
- Aluminum replacement gland.
- Steel grid coupling.
- Griswold pump maintenance guide.
- Use/Exercise Guide relating to shaft alignment.
- IPT Industrial Trades Manual.
- Self-directed workbook course on centrifugal pumps.
- Crating for shipment via motor freight.

PRODUCT DIMENSIONS

- **Product Dimensions**
(L x W x H)
36in. x 13.5in. x 15.25in. (920 x 340 x 390 mm)
155lbs. (70.3kg)
- **Shipping Dimensions**
212lbs. (96.2kg)

OPTIONS

- #208-001 - Shaft Alignment Tool Kit
- #208-003 - Standard Shim Kit
- #208-004 - Extended Shim Kit
- #208-015 - Magnetic Base/Dial Indicator Set
- #510-000 - IPT Industrial Trades Training Manual

- #510-001 - IPT Industrial Trades Handbook
- #532-022 - Operator's Guide To Centrifugal Pumps
- #902F - Electromechanical Workstation
- #208-500 - Use/Exercise Guide (additional).
- #275-001 - Standard Packing Tool Assortment, including: inspection mirror, cutting mandrel, (2) 10" long packing pullers, (2) 10" long lantern ring pullers, 6" pocket depth scale, (6) pairs latex gloves, 2 additional spools of packing and toolbox.
- #275-004 - Type-1, mechanical "non-pusher" seal with elastomer bellows (includes acrylic gland adapter).
- #275-005 - Type-8, mechanical "pusher" seal (o-ring type) (includes acrylic gland adapter).
- #275-027 - Elastomeric element coupling.
- #275-030 - Jaw and Spider-Type Coupling.
- #275E-PAC - Pump Maintenance Trainer, Extended (w/Alignment) Quick-Start Package

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