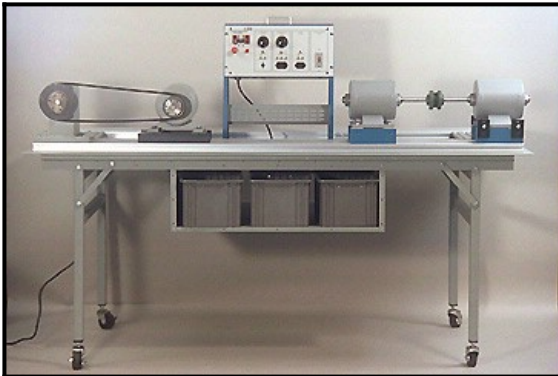


210 Electromechanical Bench Package



Product Dimensions

(L x W x H)

84in. x 39in. x 33in. (2130 x 990 x 840 mm)

175 lbs. (80kg) Bench Only

Shipping Dimensions

900 lbs. (408kg) Total

FEATURES AND SPECIFICATIONS

- Full size industrial-grade components used throughout.
- Allows for four independent workstations or combined exercises.
- Allows for expansion addressing many additional subject matter areas.
- Allows for the bread boarding of unique electromechanical arrangements.
- Includes the DAC 905 Electromechanical Bench.
- Includes the DAC 201 Belt Drive Training System.
- Includes the DAC 205 Gear Maintenance Training System.
- Includes the DAC 201-001 Chain Drive Option
- Includes the DAC 208 Coupling/Shaft Alignment Training System.
- Includes the DAC 419 Power module/motor load device allowing for use of 110 VAC motors, brake/clutch assemblies and a motor load device.
- Includes a storage shelf with storage containers.
Includes a basic hand tool set including combination wrench set, screwdriver set, Allen wrench set, soft-faced mallet, combination square, tape measure, level, flat file, magnetic base/dial indicator set, shim kit, and tool box.
- Includes the DAC Coupling/Shaft Alignment Tool Kit.
- Includes a C-face motor and adapter plate.
- Includes a fastener kit, guard and pillow block/shafting set.
- Includes steel grid, elastomeric element, and jaw and spider couplings.

GENERAL DESCRIPTION

A complete package of mechanical maintenance training applications which can be mounted and integrated on a heavy-duty bench. The basic system includes training devices relating to belt drives, chain drives, gear drives, couplings and alignment. All training components can be used individually, or combined to create complete mechanical drive systems.

The bench includes a system of t-slotted mounting rails, which allow for mounting of all basic elements and many optional accessories. A power module and c-face motor are provided allowing for motorized applications and troubleshooting. Additional elements relating to motors, motor controls, conveyors, brakes/clutches, bearings, sensors and PLCs can be easily added.

A tool kit, storage shelf with storage containers, fastener kit and shaft/bearing set is also provided. This product supports a complete introduction to mechanical maintenance training, while allowing for expansion for training related to motors, controls, and automated manufacturing systems.

OPTIONS

- [#201-002 - Wedge Belt and Sheave Set](#)
- [#203-003 - Vibration Meter, Basic](#)
- [#205-001 - Gear Maintenance Tool Kit](#)
- [#208-020D - Laser Shaft Alignment System, Basic](#)
- [#210-001 - Basic Electromechanical Bench Hand Tool Set](#)
- [#210-010 - In-Line, C-Face, Helical Gear Reducer Accessory](#)
- [#210-419 - System Tensioning Brake Assembly](#)
- [#223-001 - Heavy Series Chain and Sprocket Set](#)
- [#223-003 - Silent Chain and Sprocket Set](#)
- [#410 - Split-Phase, Capacitor Start, AC Motor Trainer](#)
- [#411 - Permanent Split Capacitor Start, \(PSC\) AC Motor Trainer](#)
- [#412 - Three-Phase, Squirrel Cage Rotor, AC Motor Trainer](#)
- [#415 - Shunt Wound, DC Motor Trainer](#)
- [#416 - Compound, Cumulatively Wound, DC Motor Trainer](#)
- [#417 - Permanent Magnet, DC Motor Trainer](#)
- [#420 - Single-Phase, Manual Starter Trainer](#)
- [#510-000 - IPT Industrial Trades Training Manual](#)
- [#510-001 - IPT Industrial Trades Handbook](#)
- #210-002 - Preventive/predictive maintenance tool kit (includes vibration meter, infrared thermometer, and non-contact tachometer).
- #210-003 - Right-angle drive, C-face gear reducer.
- #210-004 - Right-angle drive gear reducer, w/shaft input.
- #210-011 - Flywheel Set, 2-Piece, with Weights
- #210-012 - Roller Ramp / Wrap Spring Clutch, and Torque Limiter Set

□ Crating for shipment via motor freight.

SERVICE REQUIREMENTS

110 VAC.

#210-101 - Vibration Meter, Vel., Accel., Disp., Economy.
#210-111 - Infrared Thermometer, Hand-Held, Economy.
#210-121 - Non-Contact Tachometer, Economy.
#210-131 - Digital Strobe Light, 100-12,500 RPM, Economy.
#210-133 - Digital Strobe Light, 30-20,000 RPM, Industrial.
#210-204 - Bearing Maintenance Training System.
#210-220 - Brake/clutch accessory. Includes industrial brake/clutch, adapter plate, guard, and power module connector. (Requires #200-002, 80/20© Mounting rail set.)
#210-500 - Use/Exercise Guide (additional).
#210E - Electromechanical Bench Package, Extended
#210E-PAC - Extended Electromechanical Bench Package, Quick-Start Package
#222-000 - Cams and Mechanisms Accessory.
#224-000 - Conveyor Accessory.
#410-100 - Prony Brake Assembly.
#425 - Solid-State Motor Starter Trainer
#905-419 - Motor load device (industrial brake) with power module connector. (Requires #200-002, 80/20© Mounting rail set.)

VARIETIES

[#201 - Belt Drive Trainer](#)
[#205 - Gear Maintenance Trainer](#)
[#208 - Coupling/Shaft Alignment Trainer](#)
[#208-001 - Shaft Alignment Tool Kit](#)
[#208-005 - Steel Grid Coupling](#)
[#208-007 - Elastomeric Element Coupling](#)
[#208-014 - Jaw and Spider-Type Coupling](#)
[#210-001 - Basic Electromechanical Bench Hand Tool Set](#)
[#223 - Chain Drive Trainer](#)
[#905 - Electromechanical Integration Bench](#)

RELATED ITEMS

[#200 - Combined Mechanical Trainer](#)
#210E - Electromechanical Bench Package, Extended
#210E-PAC - Extended Electromechanical Bench Package, Quick-Start Package

STANDARD ACCESSORIES

See components provided above.



This device is designed for the use of professionals under controlled circumstances for training only. DAC assumes no liability for injury resulting from the use or misuse of this product.