

Realistic Process Control Training



DAC Worldwide manufactures realistic, industrial-quality training devices to address industry needs for hands-on training in maintenance skills.

Training Systems

601-000 - 3-Variable Process Control / 601-PAC - Plus
602-000 - Temperature Process Control / 602-PAC - Plus
603-000 - 4-Variable Advanced Process Control / 603-PACEH - Plus
605-000 - Analytic Process Control Training System
608-000 - PID Controller Trainer, Level Control
610-000 - PID Controller Simulator Training System, Level Control
616-000 - Portable Calibration / 616-PAC - Plus
617-000 - Level Measurement Trainer / 617-CTL - Plus
619-000 - Flow Measurement Training System / 619-PAC - Plus
295-101 - Vertical Separator Trainer / 295-101-PAC - Plus

Cutaways

DACW's 273-Series features more than 50 Process Control components in this line of cutaways. A few examples include:

273-110 - Process-Type Pressure Regulator Cutaway
273-140 - Water Pressure Regulator Cutaway
273-230 - Bourdon Tube Pressure Gauge Cutaway
273-270 - Pressure Gauge Cutaway, Low Pressure
273-320 - Single Basket Straining System Cutaway
273-412 - Motorized Valve Cutaway
273-420 - Ball Float Air Vent Valve Cutaway
273-500 - Drum Gate Valve Cutaway
273-610 - Shell and Tube Heat Exchanger Cutaway
273-701 - Displacement-Type Level Sensor Cutaway
273-710 - Venturi Flow Meter Cutaway
273-720 - Orifice Assembly Cutaway, 2"
273-730 - Flow Nozzle Assembly Cutaway
273-737 - Rupture Disk Assembly Cutaway
273-840 - I/P Transducer Cutaway

Dissectibles

255KE - Enhanced Diaphragm Valve Dissectible
272-230 - Dissectible Bourdon Tube Pressure Gauge
272-475 - Dissectible Liquid Level Gauge Sample
272-715 - Dissectible Sight Flow Indicator Sample
272-718 - Dissectible Variable Area Flow Meter

Models

290 - Distillation Column Model

Dissectibles

- Can be taken apart, inspected, & reassembled for hands-on learning



255KE - Enhanced Diaphragm Valve

Models

- Detailed scale models of actual Process Control systems



290 - Distillation Column



Process Control & Instrumentation

Industrial Skills Training



Focused Process Control & Instrumentation Training



DAC Worldwide offers products for training in process control, process operations, and instrumentation. Components are full size & industrial grade. Systems can also be customized with your choice of brands and types of instruments, such as PLCs and DCS.

Training Systems



601-000 - Variable Process Control

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- Measures process variables including level, pressure, & flow
- Create simple & advanced process loops



605-000 - Analytical

605-000 - Analytical Process Control

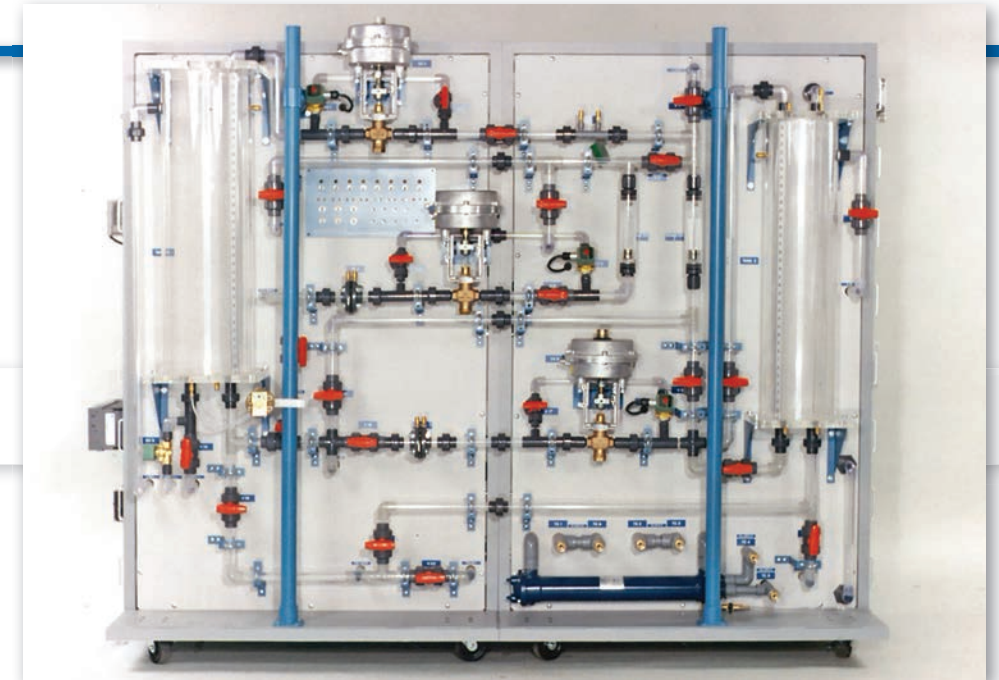
- Provides training for process variables relating to water chemistry
- Variables monitored include pH, conductivity, ORP, & dissolved oxygen



602-000 - Temperature

602-000 - Temperature Process Control

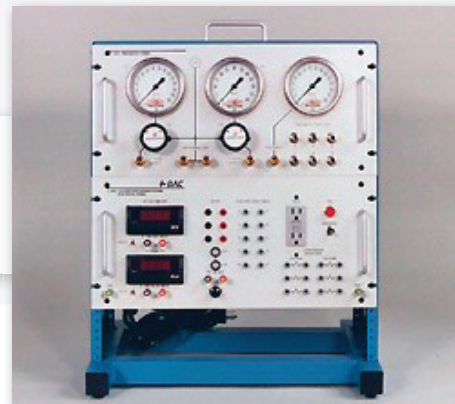
- Covers temperature measurement & control in industrial fluid process systems
- Configure control loops using feedback & feed-forward control methods



603-000 - Variable Advanced Process Control

603-000 - 4-Variable Advanced Process Control

- Measures process variables including level, pressure, temperature, & flow
- Create cascade, feedforward, feedback, split range, ratio, and three-element control loops



616-000 - Portable Calibration

616-000 - Portable Calibration

- Allows for convenient testing and calibration of instruments, process controllers, etc.



619-000 - Flow Measurement

619-000 - Flow Measurement

- Working, large-scale, flow-related fluid process system
- "Open architecture" allows for installation of optional instruments



617-000 - Level Measurement

617-000 - Level Measurement

- Offers basic hydrostatic principles training
- Hands-on installation, calibration & maintenance of process field instruments

295-101 - Vertical Separator

- Reduced-scale, three-phase vertical separator
- Uses alternate production stream components, refined oil, air, & water



295-101 - Vertical Separator

Cutaways

- Over 50 Process Control components strategically cut to show inner-workings
- Actual industrial regulators, valves, gauges, and more!



273-410SS - Sanitary Diaphragm Valve