

PROCESS CONTROL ENGINEERING

MADE FOR ACADEMIC AND INDUSTRIAL TRAINING

The Process Control Engineering range extends from benchtop products, made for demonstrating control principles, to equipment using industrial parts for vocational training.

 **YouTube** PROCESS CONTROL PLAY LIST



ACADEMIC AND INDUSTRIAL SOFTWARE

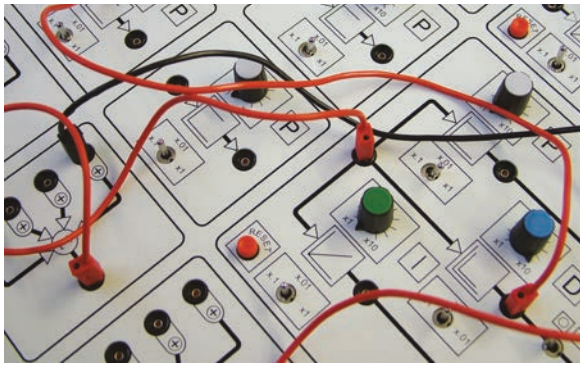
All our Process Control products work with software. Most of the academic products work with TecEquipment's own CE2000 control software. The more industrial products work with industrial process or PLC control software.

CONNECTIVITY

The Process Training system (TE3300) can be used individually, to study control elements in isolation. They can also be connected to other units in the system, to introduce more complexity and wider experimentation capability.

FEATURES AND BENEFITS

- **ACADEMIC AND INDUSTRIAL:** Benchtop products for academic teaching and industrial products for vocational training.
- **HANDS ON:** All the products allow easy connection and adjustments, for a more practical understanding of principles.
- **INDUSTRIAL COMPONENTS:** Realistic student experience, with the use of industry-standard instrumentation.



PLC TRAINER

CE123

Uses an industry-standard PLC to control the PLC process using ladder logic programming running on a PC. For use with the PLC Process (CE111).



PLC PROCESS

CE111

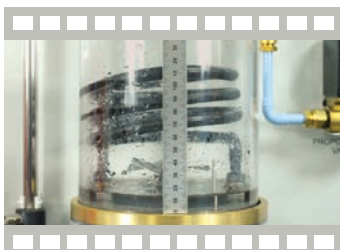
A self-contained, benchtop liquid flow and level process, providing a physical system to experience the programming of programmable logic controllers, for use with the PLC Trainer (CE123).

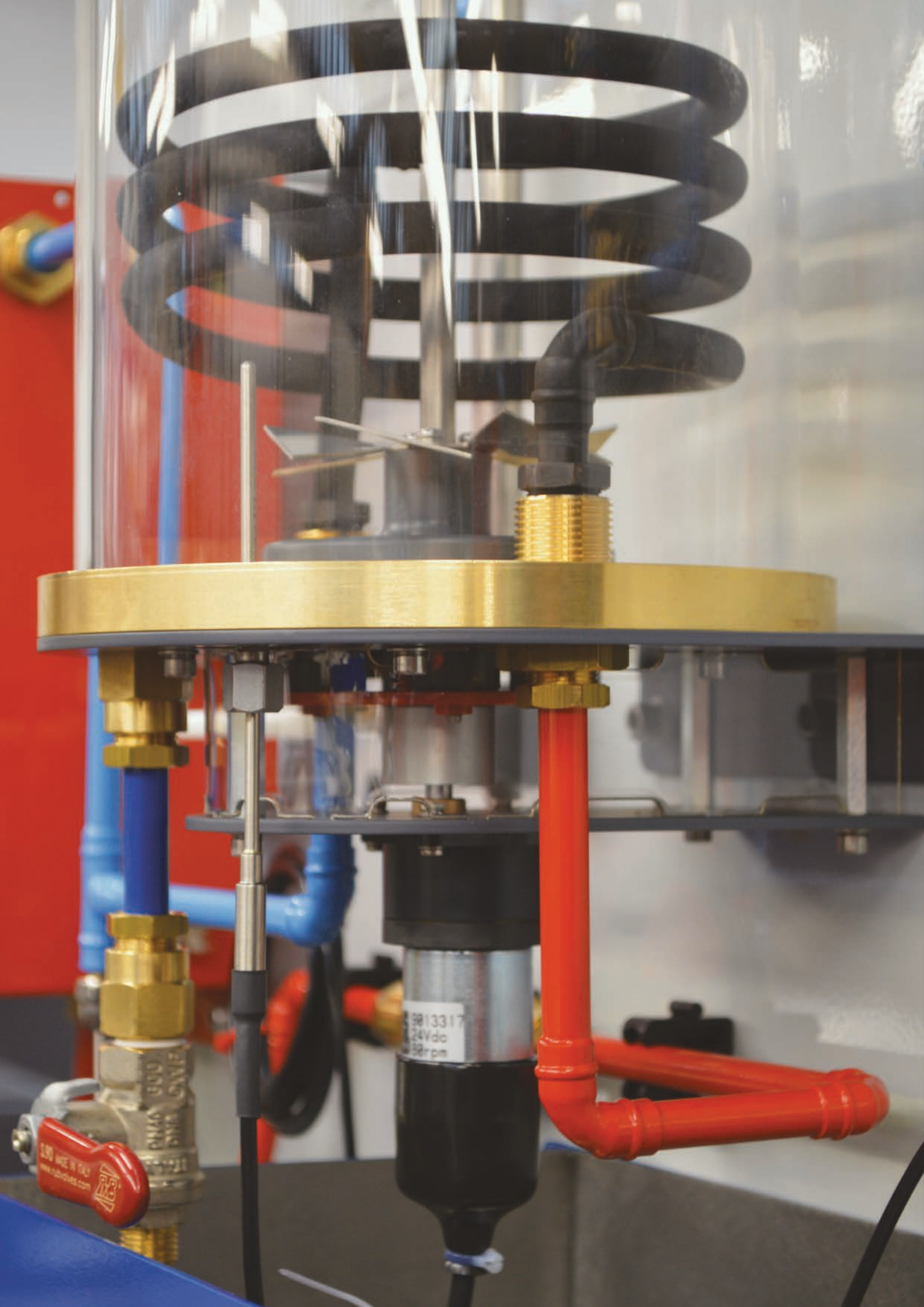


PROCESS TRAINER

CE117

A self-contained, benchtop, fully integrated teaching apparatus that mimics industrial process engineering, including a comprehensive range of experiments in flow, level, pressure and temperature, ranging from basic theories through to more advanced principles.





PRESSURE PROCESS TRAINING SYSTEM

TE3300/02

A self-contained, mobile module using pressure as the control variable to illustrate the principles of single-loop control and the calibration and tuning of controllers, transmitters, converters and valves.



FLOW PROCESS TRAINING SYSTEM

TE3300/03

A self-contained, mobile module for flow process control experiments to illustrate the principles of single-loop control and the calibration and tuning of controllers, transmitters, converters and valves.





LEVEL PROCESS TRAINING SYSTEM

TE3300/04

A self-contained, mobile module for level process control experiments to illustrate the principles of single-loop control and the calibration and tuning of controllers, transmitters, converters and valves.



COMPUTER CONTROL SYSTEM

TE3300/06

Easy-to-use software that connects to the TE3300 Process Control modules for remote control and monitoring of processes (distributed control).



TEMPERATURE PROCESS TRAINING SYSTEM

TE3300/05

A self-contained, mobile module for temperature process control experiments to illustrate the principles of single-loop control and the calibration and tuning of controllers, transmitters, converters and valves.



