



Distributed Control (E6.4.2.8)

Cat. No.	Description	E6.4.2.8
38-009	Distributed Control System (DCS)	1
38-820-230	Air Compressor	1
93-420	ESPIAL Software Package	1
38-820-120	PROCON COMPRESSOR 115V	1*

* additionally recommended

Distributed Control

The Feedback Distributed Control System (DCS) trainer is a complete training solution that combines the operations of a leading commercial DCS process management controller package, namely the Emerson Delta V, with an assortment of our proprietary training rigs.

The training rigs offer a range of processes:

- Level & Flow
- Temperature
- Pressure
- Forced Air Cooling

These may be operated separately or combined to produce a multi-process, multi-loop system. The trainer is supplied complete with the PC, software, controller and I/O modules that are needed to monitor and control the process rigs. A control cabinet houses the components that provide the interface between the PC and the rigs.

Topics

- Distributed control system background theory
- Delta V Explorer
- Trainer configuration
- Basic on-off control
- Advanced on-off control
- etc.

Experiments are operated and evaluated with ESPIAL.
The equipment can require additional software modules.

E6.4.2

TECHNICAL PROCESSES WITH INDUSTRIAL COMPONENTS

E6.4.2.8 Distributed Control