

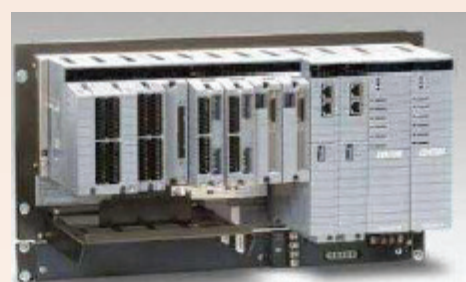


## EDUCATIONAL KITS AND SKIDS

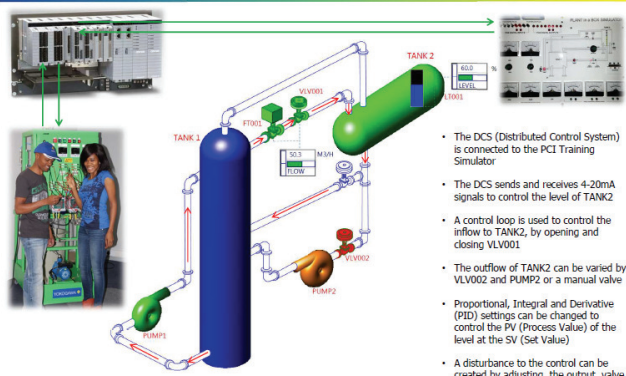


The training skids are:

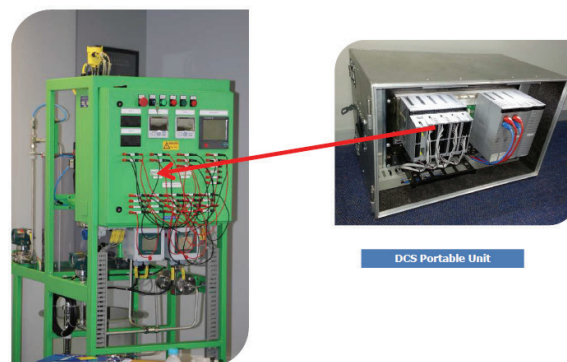
- Designed on purpose to match the learning objectives of the training courses
- Rack mounted to allow mobility from a training room to another.
- Using Industrial equipment to make the learner familiar with Plant instruments and to simplify the memorization process.
- User friendly to ease the learning process



#### Yokogawa Integrated Training: DCS and Field Instrumentation Simulator



#### Yokogawa Integrated Training: Field Instrumentation & DCS Simulator



The Automated Training Simulator (ATS)

- **Plant on wheels:** mobile rack fully equipped with Process Control Instruments and connectors: Educational Tool for 4 participants.
- **Plant in a box:** Autonomous and independent DCS setup in a suitcase. Ideal for moving from one training location to another.



#### Example of Pilot Plant Skid

(With Courtesy of National Industrial Training Institute – Saudi Arabia):

- Gathers all main measurement and transmitter types:
- Learners can move around the skid and practice on each type of sensor / valve.
- Direct connection to Distributed Control System (DCS) for practice on Human Interface Station (HIS) .
- Rack Mounted PCS for practice on cabling and connections
- Connection to Gas Chromatograph for practice on gas measurement and calibrations



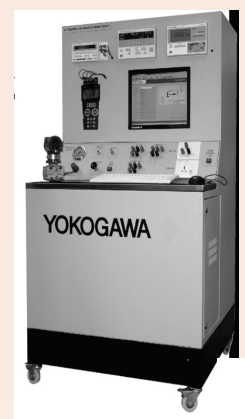
The development of the Yokogawa training skids is the result of its longstanding experience in the domain of instrumentation and automation. Its one Hundred Years' background in this domain allowed developing optimized training tools for entry level courses as well as for refresher or advanced levels.

The tutorial exercises have been elaborated and fine-tuned over the years jointly with the end-users: They are adapted to external operators and technicians as well as to Control Room personnel.



**Available Skids are:**

- Pilot plant skid gathering:
  - Pressure Measurement
  - Temperature Measurement
  - Level Measurement
  - Flow Measurement
  - PLC
  - DCS
  - 2 HIS
- SS1000 Calibration Test Bench
- Single measurement and calibration skids with Process Safety System (PSS)
- Single Measurement and calibration skids connected to DCS



For any information, please contact Yokogawa Middle East & Africa Regional Services Division - Training:

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