

# 11.- CHEMICAL ENGINEERING

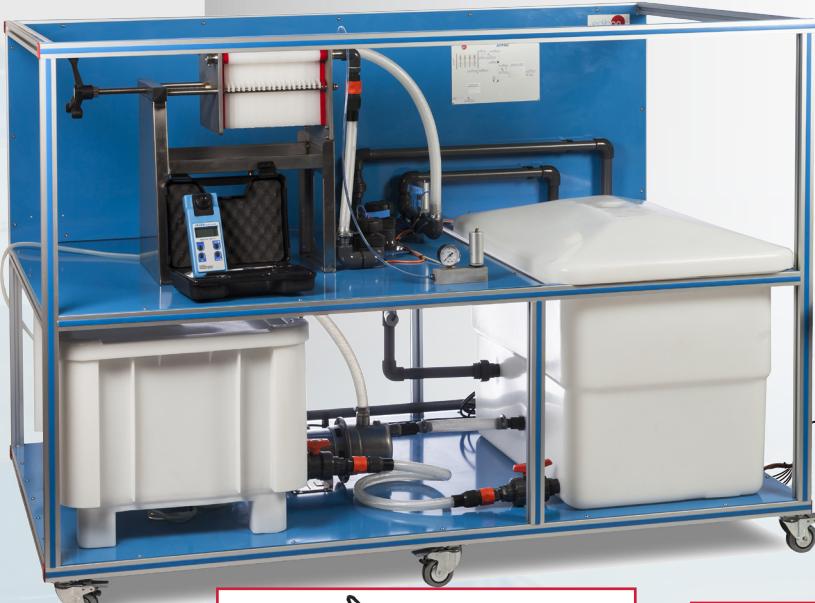
All these units are supplied

with  
EDIBON  
SCADA

## 11.1 UNIT OPERATIONS



QALFC  
Computer Controlled **Fixed Bed Adsorption** Unit



AFPMC  
Computer Controlled **Plate and Frame Filter Press**



EPAC  
Computer Controlled **Rising Film Evaporator**



QDTGC  
Computer Controlled **Gaseous Mass Transfer and Diffusion** Unit



QDTLC  
Computer Controlled **Liquid Mass Transfer and Diffusion** Unit



ROUC  
Computer Controlled **Reverse Osmosis/Ultrafiltration** Unit



LFFC  
Computer Controlled **Fixed and Fluidized Bed** Unit

## COMPUTER CONTROLLED TECHNOLOGY

### EDIBON SCADA System



Control Interface



Data Acquisition Board



Supervisory Software Board



# 11.- CHEMICAL ENGINEERING

## 11.2. CHEMICAL REACTORS

QRQC

Computer Controlled **Chemical Reactors** Training System

More than **5 reactors** allow the student to **learn all the basic concepts of chemical engineering**



QRUBI  
Base-Service Unit

QRUBI. **Base-Service** Unit.

QRIA. **Isothermal** Reactor with Stirrer.

QRIA/D. **Isothermal Reactor with Stirrer and Distillation**.

QRFT. **Tubular Flow** Reactor.

QRAD. **Adiabatic** and Isothermal Reactor.

QRSA. Reactors with **Stirrer in Series**.



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QRCC

Computer Controlled **Catalytic Reactors**



QRC

Computer Controlled **Chemical Reactors**



QUSC  
Service Unit for QRC

More than **6 reactors** allow the student to **learn all the basic concepts of chemical engineering**

QUSC. **Service Unit** for QRC.

QRCAC. Computer Controlled **Continuous Stirred** Tank Reactor for QRC.

QRTC. Computer Controlled **Tubular Flow** Reactor for QRC.

QRDC. Computer Controlled **Batch Reactor** for QRC.

QRSC. Computer Controlled **Stirred Tank** Reactors in Series for QRC.

QRLC. Computer Controlled **Laminar Flow** Reactor for QRC.

QRPC. Computer Controlled **Plug Flow** Reactor for QRC.

QREC  
Computer Controlled  
**Batch Enzyme Reactor**

