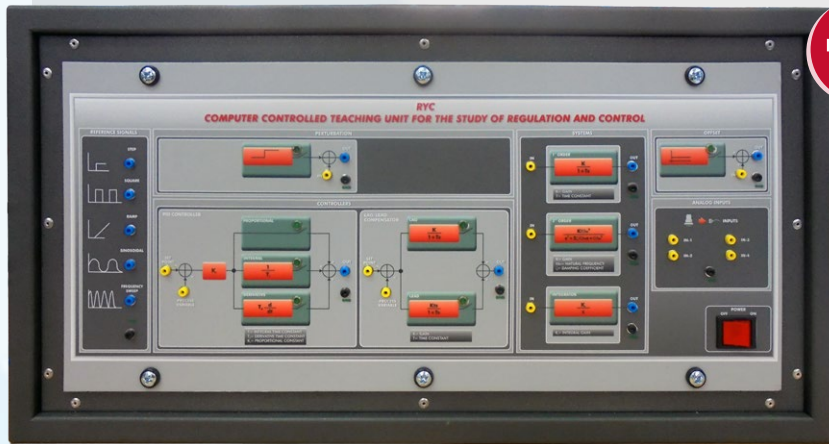


# 10.- PROCESS CONTROL

## 10.1. THEORETICAL - PRACTICAL FUNDAMENTALS



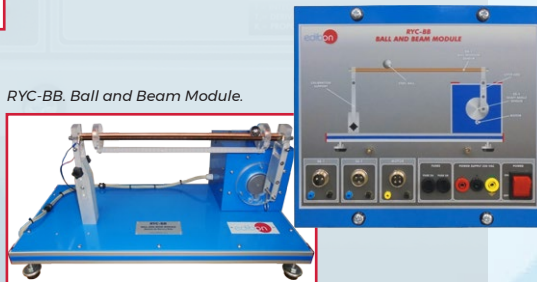
RYC  
Computer Controlled Teaching Unit for the Study of  
Regulation and Control



RYC-TAG. Water Flow Temperature Control Module.

- RYC-BB. **Ball and Beam** Module.
- RYC-SM. **DC Servo Motor** Module.
- RYC-TAR. **Air Flow** Temperature Control Module.
- RYC-PI. **Inverted Pendulum** Control Module.
- RYC-CLM. **Magnetic Levitation** Control Module.
- RYC-TAG. **Water Flow** Temperature Control Module.
- RYC-TE. **Temperature** Control Module.
- RYC-P. **Pressure** Control Module.
- RYC-N. **Level** Control Module.
- RYC-C. **Flow Rate** Control Module.
- RYC-I. **Luminosity** Control Module.
- RYC-PH. **pH** Control Module.
- RYC-CP. **Position** Control Module.

RYC-BB. Ball and Beam Module.



## 10.2. CONTROLLERS & INDUSTRIAL COMMUNICATIONS



CEAC  
Computer Controlled **Controller**  
Tuning Unit

Nowadays, most  
industries and factories  
use **INDUSTRIAL**  
**CONTROLLERS** in order  
to reach an accurate and  
automatic control of its  
processes



CECI  
**Industrial Controllers**  
Unit



CRCI  
**Industrial Controllers Networking**



CEAB  
**Field Bus Applications Unit**



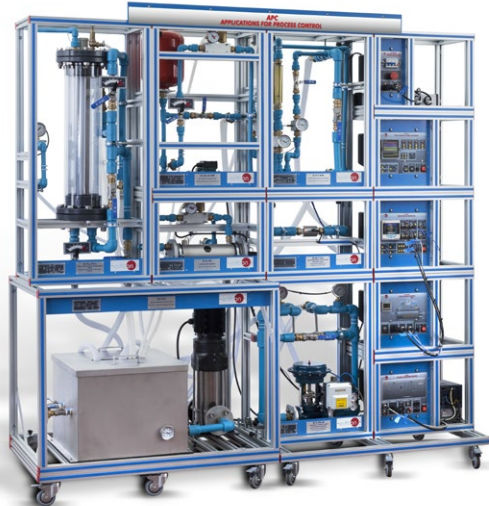
# 10.- PROCESS CONTROL

All these units are supplied

with  
**EDIBON**  
SCADA

## 10.3. INDUSTRIAL APPLICATIONS AND SYSTEMS

APC  
Applications  
for **Process**  
Control



FLPTU  
**Flow, Level,  
Pressure and  
Temperature  
Regulation for  
Process Control**



CTAC  
Computer  
Controlled  
**Coupled Tanks**  
System

**COMPUTER CONTROLLED  
TECHNOLOGY**

**EDIBON SCADA System**



Control Interface



Data  
Acquisition  
Board



Supervisory  
Software



UCP-P  
Computer Controlled Process Control Unit  
for the **Study of Pressure (Air)**



UCPCNCV  
Computer  
Controlled  
**Process Control**  
Unit (**Electronic  
+ Pneumatic  
Valve and Speed  
Controller**)