CROUZET PLC TRAINER · AI POWERED

Smart PLC Automation Training Kit with Embedded AI

The MEA PULSE PLC Trainer brings together in a case a Crouzet controller, wireable inputs and outputs, four real industrial applications, SCADA supervision and an AI assistant that guides programming.



4
industrial applications

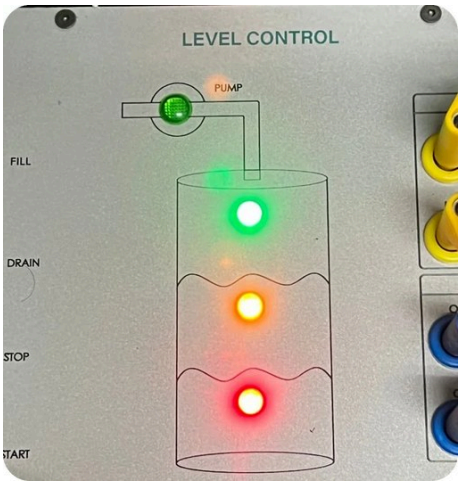
24 VDC
safety terminals

SCADA
remote supervision

AI
programming assistant

THE KIT

Four modules. One case.



01 **PLC inputs and outputs**
Inputs and outputs of the controller and its extension, wireable on 24 VDC safety terminals.

02 **Crouzet controller**
Programmable logic controller with extension module, built-in power supply and protection.

03 **Automation applications**
Level control, traffic lights, barrier and monitoring, each with its own buttons and lights.

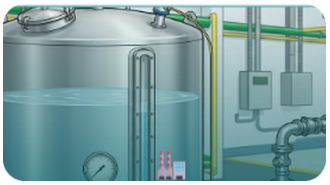
04 **SCADA & AI**
Remote supervision and a conversational assistant to program and operate.

SPECIFICATIONS

Part number	MP-MAQUETTE-IA
Manufacturer	MEA PULSE
Format	Case with four built-in modules
Controller	Crouzet programmable logic controller with extension module
Connections	Inputs and outputs wireable on 24 VDC safety terminals
Power supply	Built-in power supply and protection
Programming	Crouzet Soft, FBD language
Supervision	SCADA: commands, indicators and alerts

TARGET APPLICATIONS

Real industrial cases, not abstract exercises.



Tank management

Filling, draining, pump and three levels (low, medium, high) with automatic shutdown.



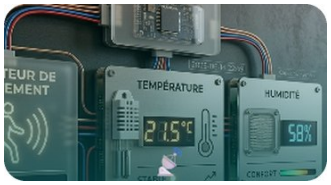
Automatic barrier

Opening, closing and safety of a car park barrier.



Traffic lights

Timed sequences and crossroads management.



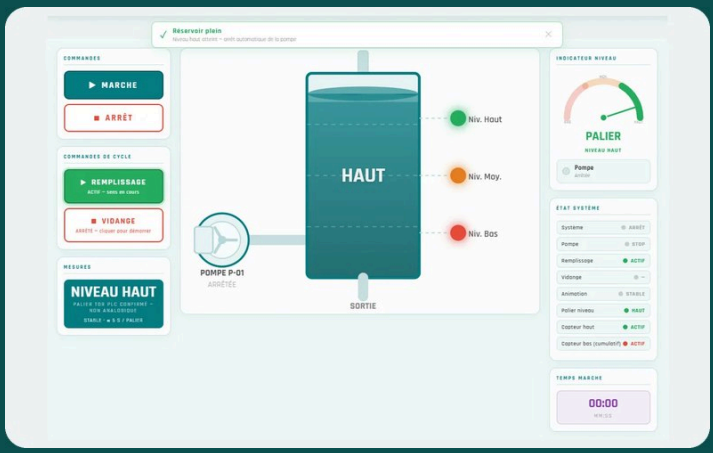
Monitoring system

Motion, temperature and humidity detection.

SCADA SUPERVISION

Control and supervise in real time.

Every application can be operated from the screen.



Commands

Start, stop, fill and drain from the interface.

Indicators

Live level, pump and sensor status.

Alerts

Event notifications: tank full, automatic shutdown.

AI ASSISTANT

An AI assistant that guides programming.

Ask a question in plain language: the assistant explains, configures and draws the matching FBD diagram in Crouzet Soft.

Crouzet Soft & FBD expert

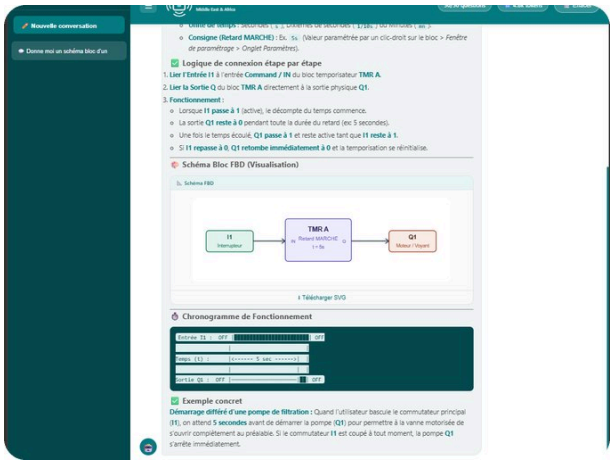
Function blocks, settings and wiring explained for the Millenium controller.

Generated FBD diagrams

Every answer comes with a visual block diagram, ready to reproduce.

Step by step

Connection logic detailed step by step, from inputs to outputs.



For a demonstration or a quote, contact MEA PULSE

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