LOG-200
RFID logistics trainer

The trainer which includes RFID technology within the context of a logistics application

Compact and easy to use!
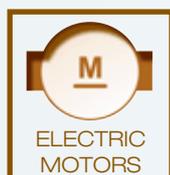
 INTERNATIONAL TRAINING

Develop the SKILLS...

ANALYSIS

DESIGNING

TECH DOCUM.
CREATION

INTERPRETACIÓN
DOCUMENT.

OPERATION

PROGRAMMING

**Monitor deliveries from
your software application
over the Internet!**

In the following TECHNOLOGIES...

ELECTRICAL
PANEL

ELECTRIC
MOTORS

IDENTIFICATION
SYSTEMS

INDUSTRIAL
COMMUNIC.

SCADA /
HMI

LOG-200 - RFID logistics trainer

LOG-200 is focused on studying RFID technology in a logistics application, using only industrial components. It also includes a Web server that can access the system over the Internet.

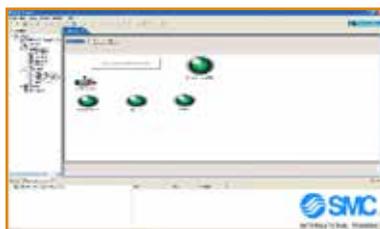LOG-200 uses the following RFID devices:

- RFID read/write module - it enables reading and writing information in each of the tags.
- RFID Controller - It brings together and manages up to 3 RFID stations.
- "Tags" - They store the relevant information to maintain the traceability of objects.

RFID Controller

RFID read/write module

Tags
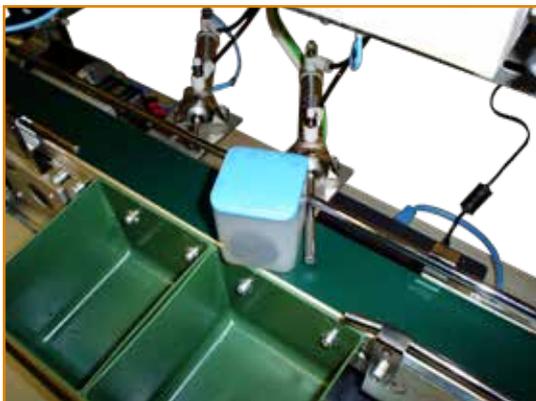
LOG-200 displays the information contained in each "tag" through the RFID controller and the PLC sends the right information to each actuator to place each container in its correct location. In addition, information for each object can be accessed over the Internet by means of a Web server that communicates with the PLC.

LOG-200 includes 2 different software applications:

- Web server software - it can set up a website to track the object's traceability over the Internet.
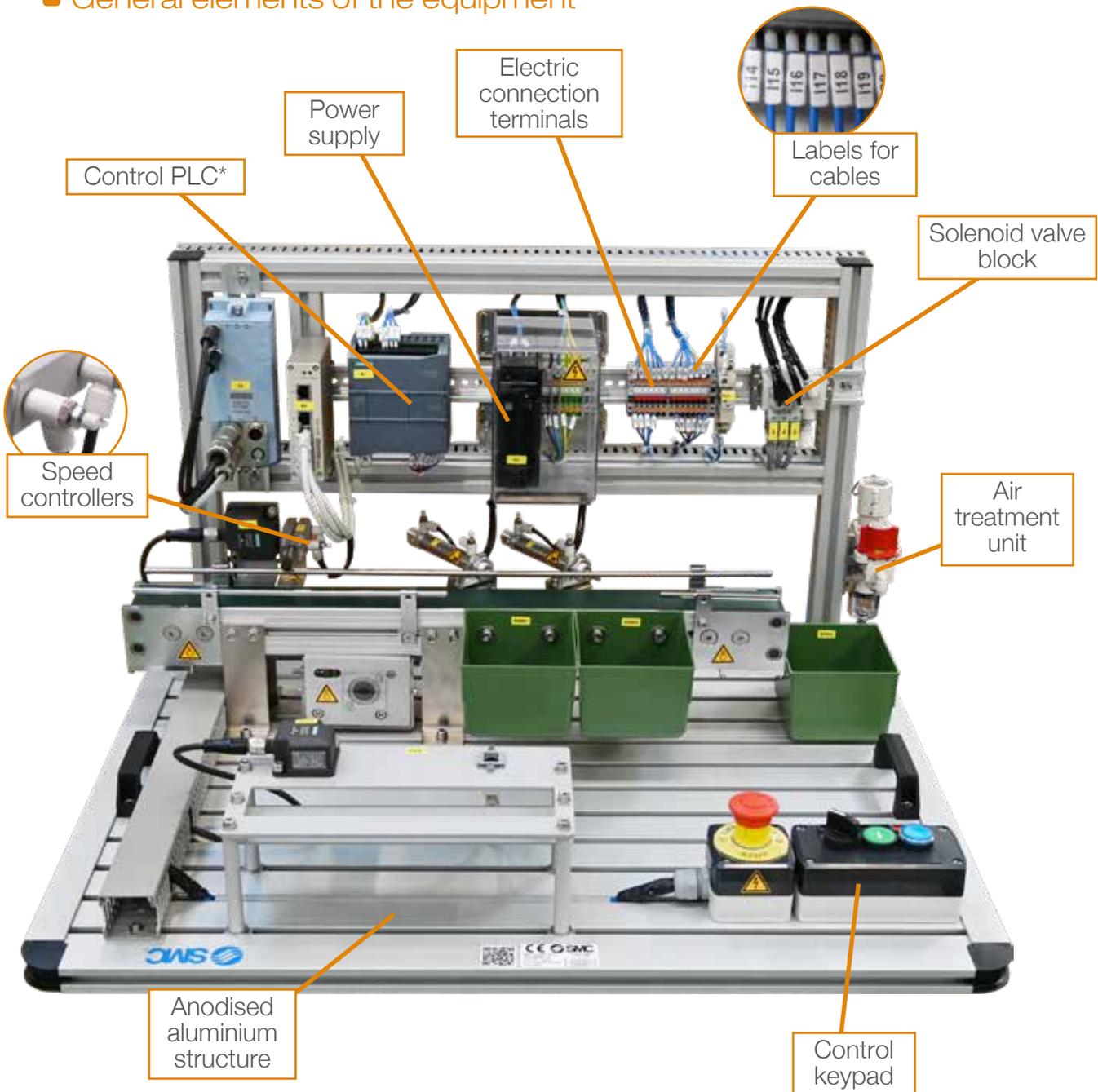- SCADA software - sets up a remote application to read/write information on RFID tags.

Web server software

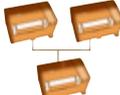SCADA software

● General elements of the equipment

Electric connection terminals

Power supply

Labels for cables

Control PLC*

Solenoid valve block

Speed controllers

Air treatment unit

Anodised aluminium structure

Control keypad

User manual

*Options: PLC Siemens, Omron, Allen Bradley, Schneider or without PLC.

SPECIFICATIONS
DOWNLOAD
www.smctraining.com
TECHNICAL DESCRIPTIONS

LOG-200 - With this system you could...

LOG-200 comes up with different practical activities targeting skills in the technologies featuring in the table (below).

TECHNOLOGIES

SKILLS	ELECTRICAL PANEL	ELECTRIC MOTORS	IDENTIFICATION SYSTEMS	INDUSTRIAL COMMUNIC.	SCADA / HMI
ANALYSIS	▨	▨	█	▨	█
DESIGNING		▨	█	▨	█
TECH DOCUM. CREATION	▨	▨	█	▨	█
TECH DOCUM. UNDERSTANDING	▨	▨	█	▨	█
OPERATION	▨		█		█
PROGRAMMING			█		█

█ This shows how the LOG-200 is suitable to develop skills in the specific technology.

▨ This shows that LOG-200 can help develop skills in the specific technology even though there are other more appropriate products in the range.

@ eLEARNING-200

Find out more about the theory behind the technologies developed in LOG-200 with our eLEARNING-200 courses.

See eLEARNING-200 chapter for more information

RELATED eLEARNING-200 COURSES

Introduction to industrial automation (SMC-100)

Solid state (SMC-105)

Sensors technology (SMC-108)

Programmable controllers (SMC-109)

■ LOG-200 - Options

LOG-200 has a series of optional extras.

• Programming tools

The programming tools comprise the appropriate programming software and cables for the chosen PLC.

*See Programming Tools chapter

• Support legs

Makes the system self-standing without needing a worktop or bench.

■ LOG-200 - Configuration

Getting the right LOG-200 specification is as easy as

• Steps to follow

1.- Choose the equipment dependant on the PLC.

2.- Add any optional extras.

■ LOG-200 - Technical features

LOG-200 770x590x450mm	Modules	Sensors (type & quantity)	Input / Output
	Writing zone Reading zone Expedition	RFID (x2)	Digital 3/4
	Other devices (quantity)	Actuators (type & quantity)	
	RFID concentrator (x1) Web server (x1) Hub (x1) Circular tag (x5) Rectangular tag (x10)	DC motor (x1) Pneumatic linear (x3)	