

MAP-205 SE I4.0

Assembly Minicell 4.0

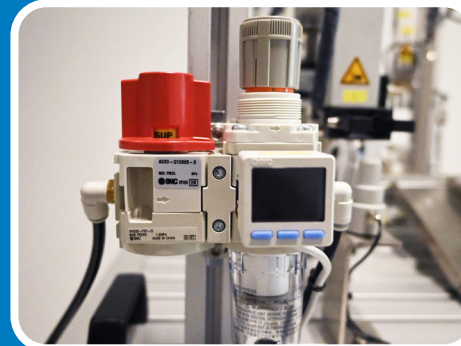


MAP-205 SE I4.0

Assembly Minicell 4.0: connect, automate, evolve.

Assembly Minicell 4.0 evolves from traditional mechatronics into an intelligent solution ready to meet the challenges of Industry 4.0.

Thanks to the integration of advanced technologies such as augmented reality, IoT connectivity, and energy efficiency, this system not only automates assembly processes but also optimizes them according to production needs.

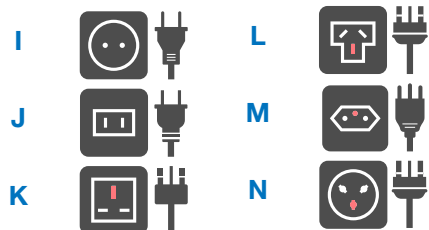


MAP-205 SE I4.0 represents an automated assembly system where the assembly and subsequent disassembly of a rotary mechanism are carried out.

How to order

MAP^a S05^a - I¹ A² - 01³

1 Socket



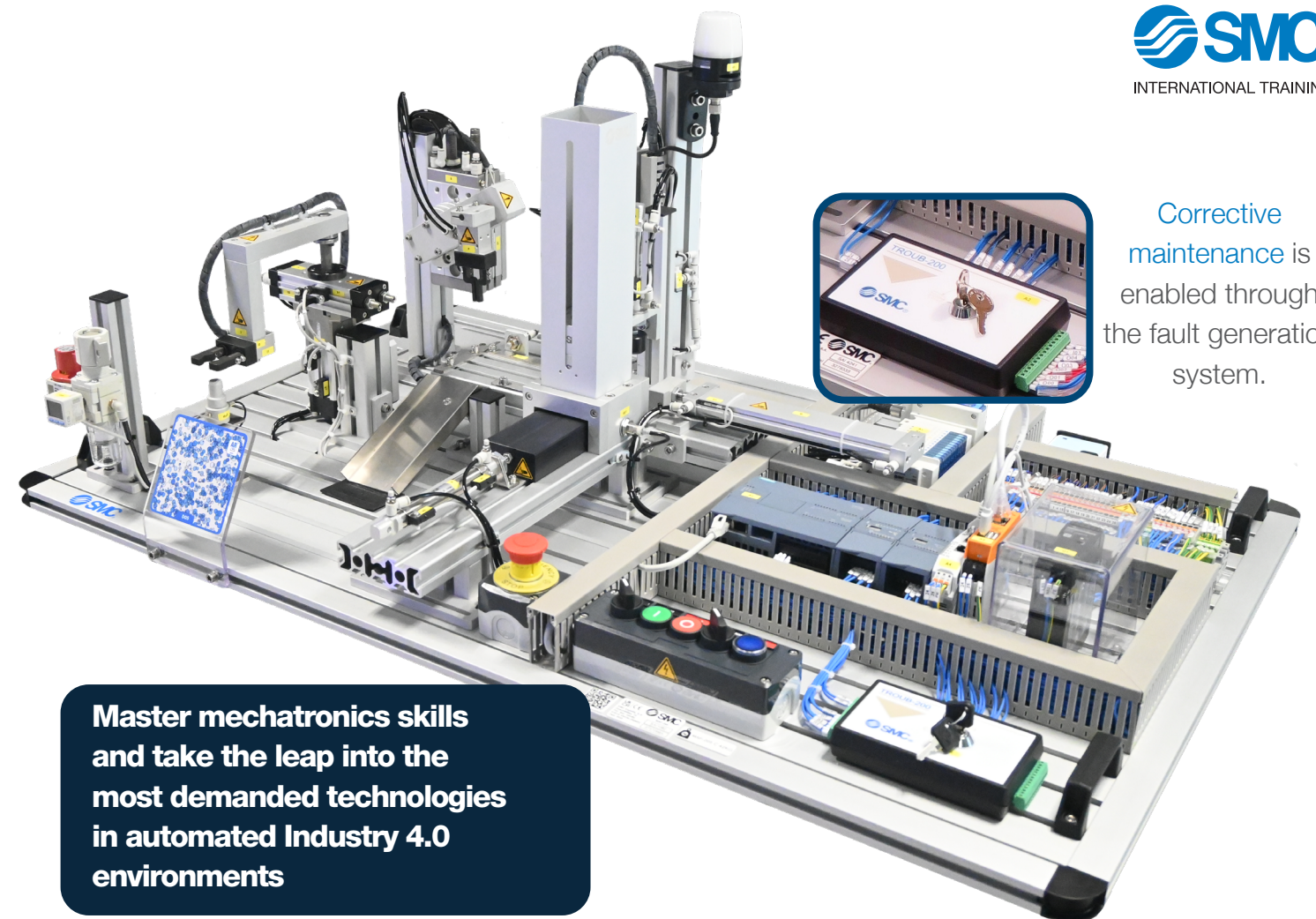
2 Documentation language

A Spanish
B English

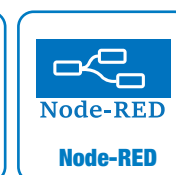
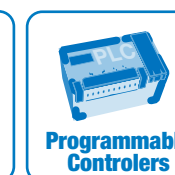
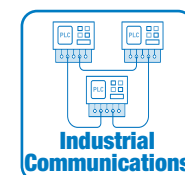
3 PLC

01 SIEMENS S7-1200
04 ALLEN-BRADLEY COMPACTLOGIX
06 OMRON - NX
09 SCHNEIDER M200
11 MITSUBISHI - FX5

* The content of this document may change without prior notification



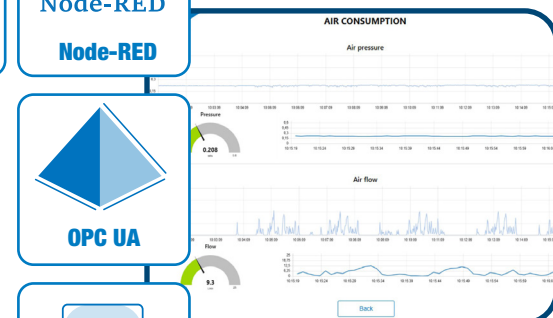
Master mechatronics skills and take the leap into the most demanded technologies in automated Industry 4.0 environments



In addition to the most common technologies in mechatronics and automated systems—such as pneumatics, advanced electro-pneumatics, vacuum technology, and sensors—the MAP-205 SE I4.0 system also integrates Industry 4.0 technologies currently present in modern production systems, including smart devices, system access via software platforms, and augmented reality, among others.

It includes a software application developed in Node-RED, which communicates with the equipment via OPC-UA. This application is installed and run on a compact PC included in the system, offering the following functionalities:

- Monitoring of compressed air consumption.
- Preventive maintenance of the solenoid valve block.
- IO-Link beacon configuration.



Use it also as a platform for developing study, analysis, and research projects.



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