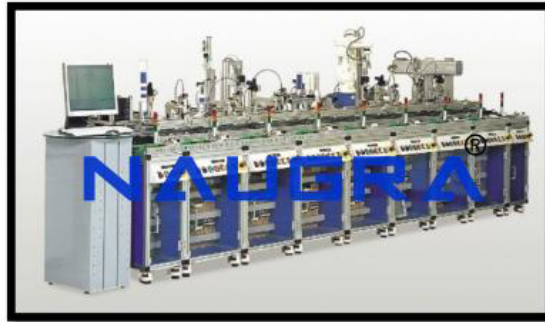| **Product Name :**	**Product Code :**
Computer-Integrated Manufacturing (CIM)	CE515

Description :

Computer-Integrated Manufacturing (CIM)

Technical Specification :

Computer-Integrated Manufacturing (CIM)
Computer-Integrated Manufacturing (CIM) is a method of manufacturing in which the entire production process is controlled by computer. Typically, it relies on closed loop control processes, based on real-time input from sensors. Specifications
Each module is implemented with real electronics, mechanics and pneumatics components and has a specific function. As an integrated computer system, the output of one activity serves as the input to
the next activity, through the chain of events. The whole
system is controlled by one Programmable Logic Controller (PLC) and it can be configured to perform a complete process.
The basic modules are the following:
Conveyor Unit
Linear Transfer Unit
Pick and Place Unit
Six Station Rotary Table
Vision Inspection System
Drilling Module
Unloading Arm
Weighing Module
Palletizer Unit
Any combination of the above modules allows creating different systems. Suggested configurations are shown in

the following table:
Software
The system includes the software for programming the PLC.
PC is not included.
On request, it can also be supplied with a Supervisory Control and Data Acquisition (SCADA) software and provided with a 7" Human Machine Interface (HMI). The software interfaces with the CIM's PLC.

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