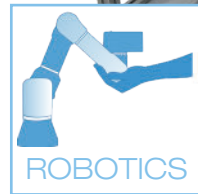
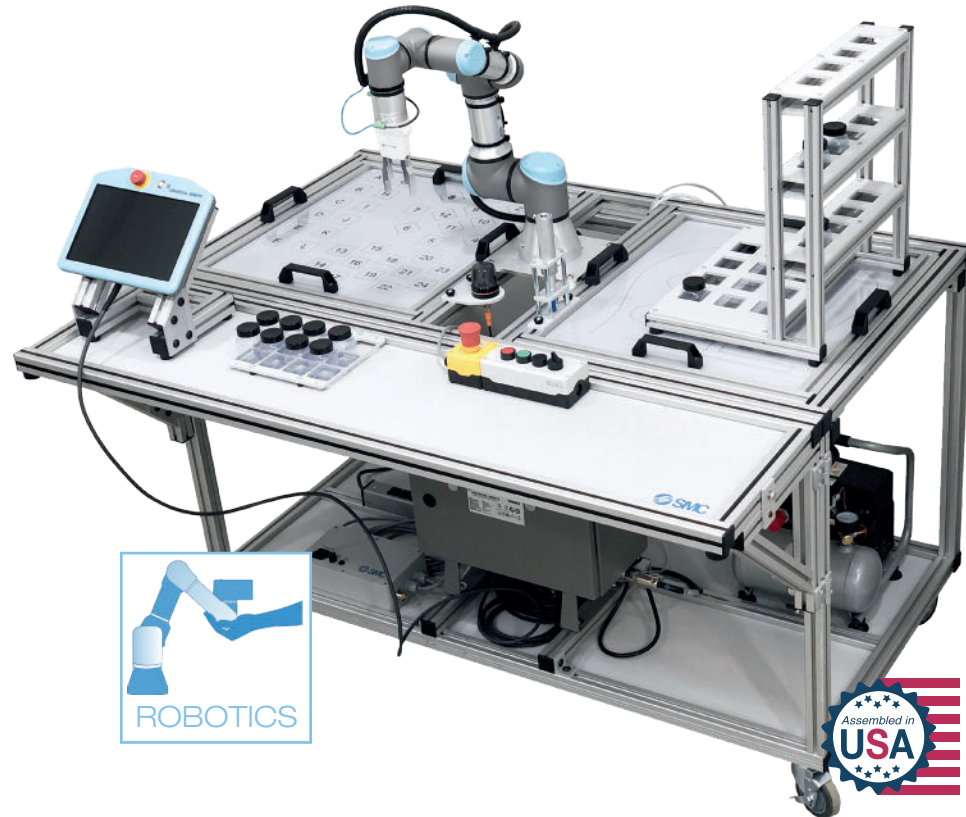
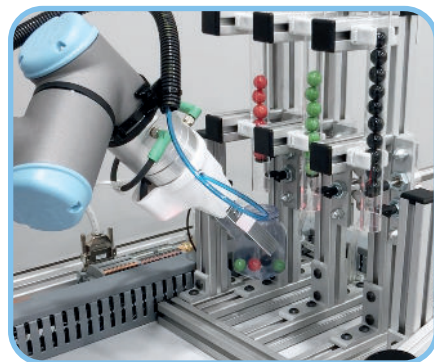


## RTS-200: ROBOTICS TRAINING SYSTEM



**MULTIPLE APPLICATIONS  
TO CHOOSE**

**DIFFERENT SMART GRIPPER  
AND ROBOT OPTIONS**



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IT-RTS-200-V1-1



**RTS-200**  
Robotics Training System

EN



## EN RTS-200 - Robotics Training System

The RTS-200 training system provides participants with a hardware platform for performing hands-on development for robotic operations.

The mobile platform includes various applications which can be quickly installed to provide advanced activities, expanding the learning objectives beyond simple pick and place functions.

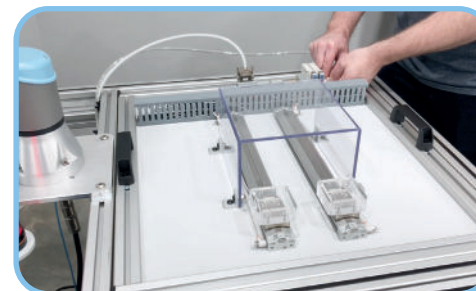
The design allows participants to advance from basic programming to integration of various technologies including electrical controls, pneumatics, controllers, artificial vision, sensors and more.

### THE SYSTEM INCLUDES

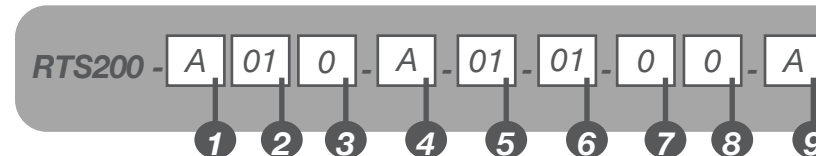
- Mobile aluminium frame
- Power entry
- Robot and controller (integrated or prepared for integration).
- Operator control panel
- Integrated Pneumatic Package
- Multi-color Indicator Light
- SMC Pneumatic Gripper
- Base Application Packages:
  - Drawing and Writing
  - Pick and Place
  - Basic Palletizing
  - Basic Warehousing and Storage station



### ALL THE ADD-ON APPLICATIONS DESIGNED FOR QUICK INTEGRATION



### HOW TO ORDER



Select all required

#### 9 Applications

- A** Pneumatic Application and Part Transfer
- B** Integrated Sensors for part material, size, color and quality detection
- C** Production Application
- D** Variable Speed Conveyor with Sensors
- E** CNC Machine Tending (Simulated CNC)
- F** Assembly Application
- G** Collaborative Assembly Application
- H** Quality Control and Inspection
- 0** None

Select all required

#### 4 Smart Gripper Options\*

- A** SMC Pneumatic 2-Finger Gripper
- B** SMC Vacuum Gripper
- C** SMC Magnetic Gripper
- D** OnRobot Quick Change Adapter
- E** OnRobot RG2 2-Finger Gripper
- F** OnRobot RG6 2-Finger Gripper
- G** OnRobot 2FG7 2-Finger Parallel Gripper
- H** OnRobot 3FG15 3-Finger Gripper
- I** OnRobot VG10 Electric Vacuum Gripper
- J** OnRobot VGC10 Electric Vacuum Gripper
- K** OnRobot Soft Gripper (Food Safe)
- L** OnRobot Eyes Vision with Lighting
- 0** None

\*All are collaborative

Select one

#### 8 Vision and Identification

- A** 2D Artificial Vision - IFM Solution
- B** 3D Artificial Vision - IFM Solution
- C** RFID Read/Write - IFM Solution
- 0** No vision and identification

Select all required

#### 7 Software options

- A** PLC Software for AB Option (for controller option 03)
- B** HMI Software for AB Option (for HMI option 02)
- 0** No software

Select one

#### 6 HMI Options

- 01** AB 7" Micro PanelView
- 02** AB PanelView Plus 7" <sup>1</sup>
- 03** Siemens KTP-700 7"
- 04** Omron NB 7"
- 05** Mitsubishi GS 7"
- 06** Automation Direct C-More
- 00** No HMI

<sup>1</sup>Software not included

Select one

#### 5 Controller options

- 01** AB Micro850
- 02** AB MicroLogix 1400
- 03** AB CompactLogix <sup>1</sup>
- 04** Siemens S7-1200
- 05** Siemens S7-1500
- 06** Omron CP1
- 07** Mitsubishi FX-3
- 00** No PLC

<sup>1</sup>Software not included

Select one

#### 1 Robot integration

- A** I have a robot and I will integrate it.
- B** I have a robot and I will integrate it + SMC remote help for integration process.
- C** I have a robot. I will send it so SMC integrates it in the RTS-200.
- D** SMC supplies and integrates the robot in the RTS-200.

Select one (new or the one you have)

#### 2 Robot options\*

- 01** UR3e (Cobot)
- 02** UR5e (Cobot)
- 03** Omron TM5 (Cobot)
- 04** ABB GoFa (Cobot)
- 05** Denso VP <sup>1</sup>
- 06** ABB IRB1100 <sup>1</sup>
- 07** Fanuc LR Mate iD4s <sup>1</sup>

\*Other options consult.  
<sup>1</sup>Safety option required.

Select one (required for non-collaborative)

#### 3 Safety options

- A** Clear Panel Enclosure with Safety Doors (Expanding Slide Out)
- B** Integrated Light Curtain Safety System
- C** Integrated Safety Laser Scanner
- 0** No safety option

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