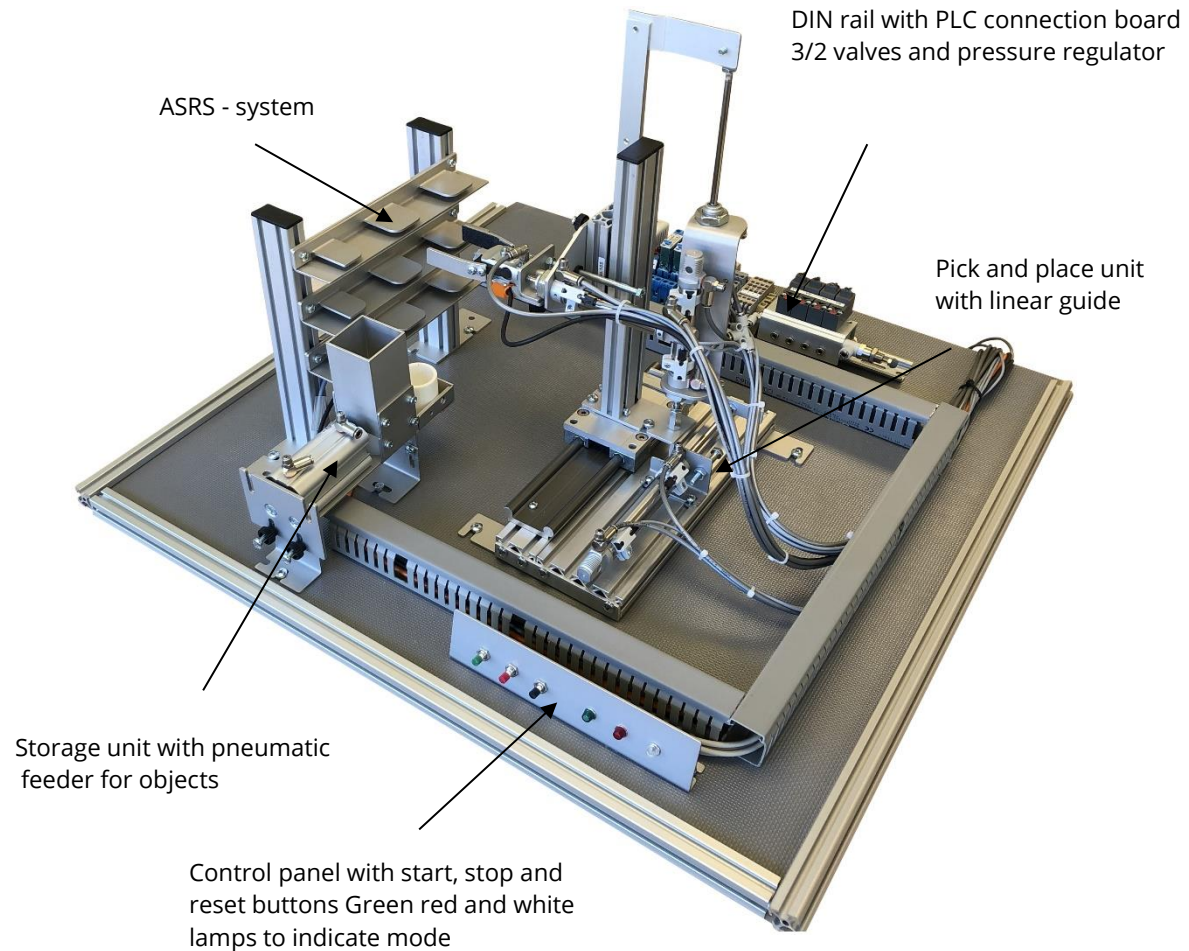


# Training Object™ ASRS

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Training Object ASRS is a station for training in automation and covers:

- PLC programming
- Basic pneumatics
- Sensor technology



## Main functions

- 1 The ASRS system is scanned by the "pick and place unit"
- 2 A black, white or metal cup is feeded from the storage unit and placed in the "pick" position and identified by different sensors.
- 3 The "pick and place unit" collects the cup and place it in the right position in the ASRS system depending on material and free space

The stations is supplied with a laboratory book consisting of experiments based upon Siemens S1200 system with TIA portal software. The station can be programmed from any PLC with 17 inputs and 10 outputs.

## Technical specification:

|                                      |   |
|--------------------------------------|---|
| Size base plate BxHxD                | 650x30x600mm  |
| Electrical supply                    | 24V DC Included   |
| Pneumatic supply                     | 4mm tube fitting, 3-6 Bar   |
| Pneumatic cylinders                  | Minicylinders, Compact cylinder, gripper                          |
| Pneumatic valves                     | 6 pcs 3/2 valves on manifold. Power cons. 2W-1W                   |
| Speed control                        | Unidirectional flow control valves on cylinders                   |
| Connect board for sensors to PLC     | 17 pcs for DC supply of sensor and signal. PLC wire connection    |
| Connection board for signal from PLC | 10 pcs wire connection  |
| Sensors                              | Inductive sensors, Photo electric sensor, switch, Cylinder sensor |
| Article code                         | TOS-001   |

## Accessories:

HMI terminal Siemens KTP 700 with switch placed in holder. Cables included



Art code      **KTP700-H**

