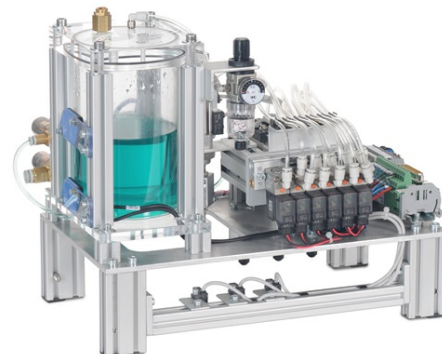


Item No.: LM9552

IPA filling station

Bottle filling:

The IPA filling station is mounted on a conveyor belt and allows an accurate filling of bottles. Six bottles placed on a carrier are positioned below the filling station. The bottles are filled with a coloured liquid to a defined level. Once all bottles have been filled, the carrier is transported to the next station.



The filling station consists of:

- 1 liquid tank
- Dosage unit for small quantities from 4...10 ml
- Supply tank
- Double-suction unit

Sensors:

- Capacitive sensors
- Flow sensors
- Magnetic sensors

Actuators:

- Positioning cylinder for X-axis
- Dosage cylinder
- Stop cylinder
- Motors
- Dosage pump
- 2/2-way process valves
- 3/2-way solenoid valve
- 4/2-way solenoid valve
- Compressed-air maintenance unit with pressure reducer and manometer
- Exhaust-air throttle valves

Electrical system:

- IMS connection DSUB 25

Your benefits:

- Hands-on practice thanks to a use of industrial components
- Can be combined with any open-loop or closed-loop system

from industry and education

- Can be expanded using additional IPA stations:
Compact station, mixing, corking and uncorking
- Can be integrated into IMS® (Industrial Mechatronic System)
- Control along all three axes
- Modular design for quick and easy assembly
- Immediate application, thanks to hardly any need for wiring