



# Containment Isolator

## Technical specifications

### Overall Data of the Containment Isolator

Clean room class at installation site:  
ISO 8/ D or better

Weight of the system incl. 2-Glove/ 4-Glove air-locks: approx. 900 kg/ 1100 kg

### Media Connections

Electrical: 3 x 400 V / 50 Hz / 8 kW

Compressed air: H14 filtered 6 bar [2:2:2],  
400 L/min

AP water 4 - 65 °C, min. 4 bar, 33 l / min

Exhaust air/supply air: 110 to 260 m<sup>3</sup>/h  
(parameterizable)

### Control and Monitoring

Intuitive touch screen user interface: 9"

PLC model: Siemens S7-1500

### Isolator Chamber (workspace)

Clean room class in the isolator chamber: ISO 7

Front pane glass type/ sealing system:  
ESG 15 mm/ dynamic

Tightness class of the isolator chamber according  
to ISO EN 14644-7: 3

Material of the surfaces touched by the product:  
1.4404 Ra < 0.80 µm

Illuminance in the working area: > 650 LUX

Air pressure in the isolator chamber (SET):  
-10 to -100 Pa (parameterizable)

Protection filter circulating air: HEPA H14

Chamber cleaning nozzle for AP water

### Degree of Protection

Primary: Personal & environmental protection

Secondary: Product protection

### Isolator Supply Air Module

Ventilation principle: turbulent mixed ventilation

Mainfilter stage: HEPA H14

### Lock

Air pressure in the airlock (SET): -10 to -100 Pa  
(parameterizable)

Protectionfilter recirculation/ exhaust air:  
HEPA H14

Design of the door to the protection module:  
sliding door, pneum. operated

Design of the door to the ambient room:  
revolving door, manual, dynamically sealed

### Cleaning- WIP or CIP process

Manual: Hand shower

Automatic: Rotating nozzles

Washing media: AP water cold/ warm, chemical  
via WIP kitchen