



## In Process Control Isolator

Inside formulation departments are often executed In Process Controls during manufacturing operations for OSD forms.

When HPAPI are processed, suitable protection is required also during control / testing activities.

The IPC isolator is composed by a pre-chamber and testing chamber where the test machines are installed. Test chamber dimension may vary depending on number and type of installed machines.

Side liner system may be adopted for waste exit.

The viewing panels are mechanically clamped or hinged and openable upwards, by means of pneumatic cylinders.

Circular or oval glove ports with double groove for safety change of gloves during operations.

The isolator chambers are equipped with an on board ventilation system with dedicated fan and HEPA filtered air (inlet/outlet).

The system is equipped with a washing line comprising a liquid supply, a spray gun, a drain line, to assure the drainage of the liquid.

Test devices installed inside the isolator are integrated in order to facilitate cleaning. Special configurations on request.

## TECHNICAL DATA

### Dimensions

About 1400x650x900mm for the main chamber

### Filters

HEPA 99,995% MPPS – H14

### Materials

Structure: AISI316L

Static gaskets: EPDM or Silicone

Inflatable gaskets: Silicone

Gloves: Neoprene / EPDM / CSM

### Lighting

Dedicated LED lamp with about 500lux on working plane

### Surface roughness

< 0,50µm – contact parts

< 0,80µm – non contact parts

### Containment level

CPT: <1µg/m<sup>3</sup> (8hTWA)

### Control system

PLC type Siemens S7

### Headquarters

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### Production and Test Facilities

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