



Tablet Press Machine isolator

Double chamber isolator for pilot scale tablet press machine. The isolator is composed by a tablet press chamber and by a pre-chamber for product introduction into the isolator. 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. Specific designed enclosure for the rotating head of the tablet press machine. The main chamber is equipped with a local extraction system with dedicated fan and HEPA filtered air outlet. Each chamber is equipped with an independent ventilation system. The system is also equipped with a washing line comprising a washing liquid supply to each chamber, a washing gun, a drain line, to assure the drainage of the liquid from each chamber. OEB5 containment level. Continuous liner on the bottom of the main chamber for product discharging operations.

TECHNICAL DATA

Dimensions

1000x1000x800mm for the main chamber, 500x650x500mm for the pre-chamber.

Filters

HEPA 99,95% MPPS – H13/H14

Materials

Structure: AISI316L
Static gaskets: EPDM or Silicone
Inflatable gaskets: Silicone
Gloves: Neoprene / EPDM / CSM

Lighting

Dedicated lamp with min. 500 Lux.

Surface roughness

< 0,50 µm – contact parts
< 0,80 µm – non contact parts

Containment level

OEL: <1 µg/m³ (8hTWA)

Control system

PLC type Siemens S7

Headquarters

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Production and Test Facilities

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