



SZ.HsPM8_02.17

HALF SUIT ISOLATOR FOR ProMILL-8

Multi-chamber barrier isolator for ProMill-8 production jet mill, complete with filters and ventilation unit.

Side mounted double door transfer chamber to allow the transfer of the product and tool/items into the main isolator chamber.

Half suit main chamber hosting the jet mill and the volumetric double screw feeder.

Process control manifold mounted outside the isolator.

PVC clear half suit for toxic application with cuff ring at the end of the sleeve to allow the changing of gloves without breaking the containment.

Endless liner system, complete with internal door installed on the side of the main chamber to allow for waste removal from the isolator.

Side chamber for gas solid separation filter integrated with the half suit chamber in order to grant the ergonomic cleaning and dismantling operation.

Installation in ATEX rated zones 2/22.

TECHNICAL DATA

Dimensions

According to process requirements

Materials

AISI316L

Gaskets

EPDM - Silicone

Surface roughness

< 0,25µm – jet mill product contact parts

< 0,50µm – inside isolator

< 0,80µm – outside isolator

Filtration

HEPA filters with efficiency class H13 or H14

Cleaning

Spray balls and washing gun

Containment level

OEL (8hTWA): <0,1µg/m³

Control system

PLC type Siemens S7-1200

F.P.S. FOOD AND PHARMA SYSTEMS S.r.l.

Via Vandelli, 20
22100 Como (CO) - Italy
Ph. +39 031 543429

Via Romagnoli, 3
29017 Fiorenzuola d'Arda (PC) - Italy
Ph. +39 0523 984930

info@foodpharmasystems.com
www.foodpharmasystems.com