



Isolator for Milling & Micronisation

Different milling equipments may be installed inside the isolator; typical application considers a mechanical universal mill, conical mills, spiral jet mills and QMILL: this interchangeability assures the required flexibility of any development centre where different mill process may be adopted. Activities are performed by working through glove ports installed on front windows: circular or oval glove ports may be adopted.

Product and tools are introduced and taken out via a ventilated pre-chamber or RTPs. An interlock system prevents simultaneous pre-chamber doors opening.

Operator and environment protection is assured by extracting air from the glovebox through an HEPA filter by means of dedicated suction system. Containment levels down to $0,1 \mu\text{g}/\text{m}^3$ may be reached.

Glove box purging is possible, with increase product protection. Cleaning of the isolator is performed by means of sprayball and washing gun, according to necessities. The barrier isolator may be designed for installation in ATEX rated zones 1/21.

TECHNICAL DATA

Dimensions

According to process requirements

Material

AISI316L

Gaskets

EPDM - Silicone

Surface roughness

$< 0,40 \mu\text{m}$ – contact parts

$< 0,80 \mu\text{m}$ – non contact parts

Working pressure

-100Pa (adjustable)

Filtration

HEPA filters with efficiency H13/H14

Cleaning

Sprayballs and washing gun

Containment level

OEL (8hTWA): $0,1 \mu\text{g}/\text{m}^3$

ATEX classification

II 2GD (when required)

Headquarters

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Production and Test Facilities

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