



Isolator for ConeMill

Barrier isolators allow to process very high active product HAPI with mills. The isolator is installed on a wheeled structure for easy placement. Different milling equipment may be installed inside the isolator; one of the possible application considers the cone mill containment.

Activities are performed by working through glove ports installed on the front window: circular or oval glove ports may be adopted. Different glove materials are available.

Product and tools are introduced and taken out via rapid transfer ports, one on the isolator side and one on the isolator base. Front window available in openable configuration. Operator and environment protection is assured by extracting air from the glovebox through an HEPA filter by means of dedicated ventilation system. Containment levels below $0,1 \mu\text{g}/\text{m}^3$ 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

$< 0,25 \mu\text{m}$ – contact parts

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

Working pressure

-100Pa (adjustable)

Filtration

HEPA filters class H12/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)

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