HIGH CONTAINMENT 125OEL®

DN50 / PN10

Toxic products

FIG. 1

This new compact OEL High-Containment sampling device (*FIG. 1*) *allows the removal of a product sampled under contained conditions.*

The OEL (Operator Exposure Limit) describes the maximum concentration of a drug substance which can be tolerated in the air of the production room without any negative effect to the health of the operators.

The (OEL) level range : 1-10µg / m³
Container capacity : 290 ml
(# 18 cu in)
Tri-clamp connection : DN 80 - 3.5"

The bottle (container) has a piston which includes 2 separating parts :
(*FIG. 3*, page 15)

The front plug isolates the outlet of the sampling valve.

The body of the piston (inside the bottle) isolates and seals the sampling bottle.

The container includes a locking system and a purging valve (Tri-clamp, ¼" G).

The handwheel allows a precise sampling of the product (*FIG. 2*).

FIG. 2

ADVANTAGES

Quick dismantling for cleaning (without tools) - incl. a cleaning device
Compact dimensions
No dead volumes
Sight glass for visual sample check
Competitive quality-price

三盛技术 SANSHENG
上海三盛热能技术有限公司 Shanghai Sansheng ThermalTech Co.,Ltd.
地址：上海市徐汇区漕宝路 70 号光大会展中心 C 座 2501 室 / 200235
电话(Tel)：021-54482938 64326951 64326952 传真（Fax）：021-54481373
网址：Http://www.sansheng-sh.com E-mail: sales@sansheng-sh.com

DESCRIPTION OF OPERATIONS

FIG. 1

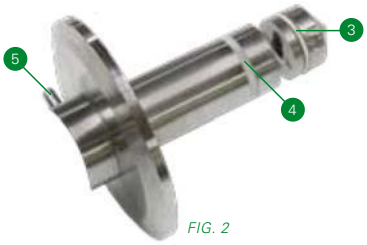

FIG. 2


FIG. 3


FIG. 4

IN CLOSED POSITION

The High-Containment device remains closed (seals without dead volume), assembled with the intermediate unit (1) and fixed to the Famat sampling valve (2).

The plug (3) and the piston (4) are joined together via a bayonet and magnets.

The indicator (5) shows the position « closed » of the bottle.

SAMPLING

A sample can be taken by lowering the piston (3 and 4). On opening the sampling valve, the product flows down into the sample bottle. The quantity can be controlled by the operator through the sight glass (*caution do not overfill*). Close the piston when the required quantity is reached.

REMOVING THE SAMPLING BOTTLE

Adjust compartment (V) to atmospheric pressure. Bring back the piston to its closed position. A firm final turn of the handwheel will ensure sealing of the valve and no dead volume.

Remove the sample bottle unit by its quick coupling connection. This action will disconnect the front plug of the piston. The sampling valve outlet is closed by the plug (3) and the sample bottle sealed with the piston (*FIG. 3*).

Under secure conditions in a laboratory, the sample can be extracted from the sample bottle by retracting the piston or by removing the Tri-Clamp connection.

CLEANING

(process to be approved by customer)

Reconnect the empty sample bottle with its closed piston, (*FIG. 4*) onto the unit.

A cleaning can be carried out throughout the valve via various cleaning ports placed on the sample valve and the sample bottle (defined on request).

Before further sampling, all ports must be closed.

三盛技术 SANSHENG

上海三盛热能技术有限公司 Shanghai Sansheng ThermalTech Co.,Ltd.

地址：上海市徐汇区漕宝路 70 号光大会展中心 C 座 2501 室 / 200235
电话(Tel)：021-54482938 64326951 64326952 传真（Fax）：021-54481373
网址：Http://www.sansheng-sh.com E-mail: sales@sansheng-sh.com