



# ADAPTIVE FILLING LINE AFL

## Product applications

- Cell and gene therapy
- Biotech
- ATMPs (Advanced Therapy Medical Products)

## Container types:

Syringe

Vial

Cartridge

## Format range:

- Syringes: 0,5ml up to 50ml
- Vials: 2ml up to 100ml
- Cartridges: 3ml up to 20ml

## Technical Data:

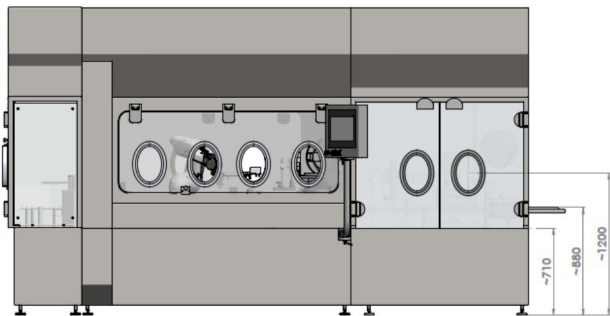
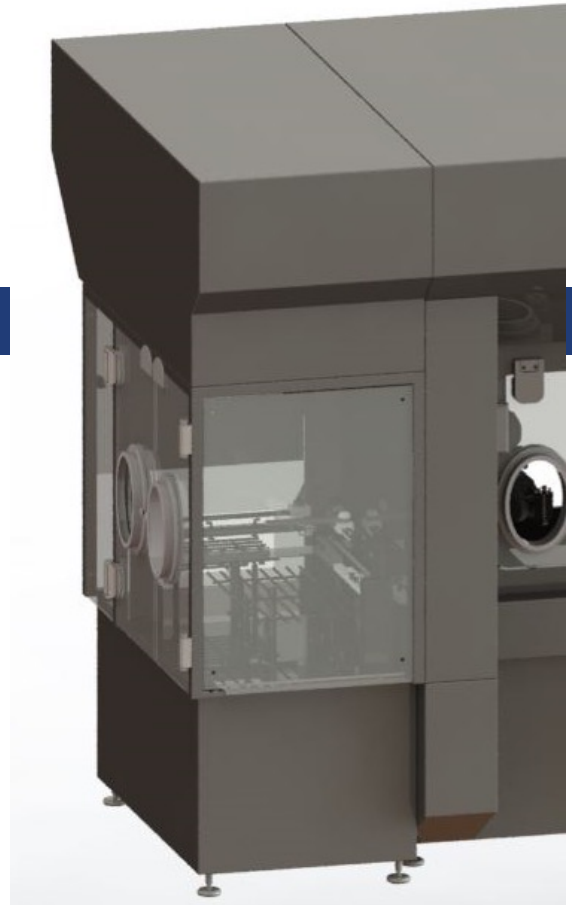
- Output: Up to 30p/min (1 filling head)
- Output: Up to 60p/min (2 filling heads)



Photo: SCHOTT AG

## Debagger Typ HSB1000

- Grade A air supply by Laminar Flow Unit Typ LFU1000
- Bag opening with two hand switch
- NTT – „No Touch Transfer“
- Shutter transfer door to grade A isolator
- Single or double debagger set up
- Non-viable and optional viable monitoring
- Mobile waste box



## Cleanroom Isolator LFI

- Aseptic production due to H<sub>2</sub>O<sub>2</sub> decontamination of the isolators
- Isolator height below 2,7m, system fits into a 9 feet Grade C room.
- Automatic shutter transfer doors
- Integrated catalytic converter
- Air exchange with room, intake and outtake air HEPA H14 Filter
- Monitored inflatable gasket of the access doors and shutter doors
- LED light

## Filling machine FSM

- Fully automatic robot lid and liner removal
- Lid and Liner waste by RTP Alpa Port
- Automatic nest handling into the x/y table
- Container handling to the In Process Control
- Filling system peristaltic pump or rotary piston pump
- Linkage to downstream capping machine

