

# Automatic filling and closing machine

## Minican pharma

### Equipment:

Indexing table with 8, 12 or 16 stations

1-4 Filling stations

Application station for rubber stoppers or droppers

Application station for alu caps or screw caps

Crimping station or screw capping station

### Optionals:

Laminar flow

Check weigher

Labelling machine

Ink Jet Coder

Bottle washing machine

and others



**bottles and/or vials**

**Dosing systems:**

mass flow meter  
magnetic inductive flow meter  
turbine flow meter  
peristaltic dosing pump  
piston dosing pump  
and others



Filling ranges: 0,1 – 2000 ml (optional up to 3000 ml)  
Output ranges: 20 40, 60, 80 and 120 bottles/min  
Product contacting parts: AISI 316 L, others to be agreed

**Optionals:**

Labelling units  
Check weigher  
Carton packers  
Complete data processing system  
Inspection systems  
Validation packages  
Engineering support for turnkey projects



## The massflow-meter

one good option for the dosing system



- ← Filling hose
- ← Flow speed regulation
- ← Flow meter
- ← Product infeed (0,5 – 2 bar)

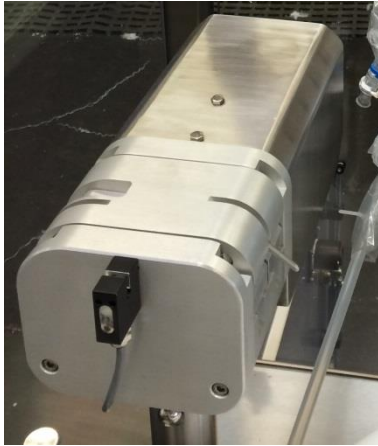
## Filling nozzle with mounted CIP/SIP waste hose



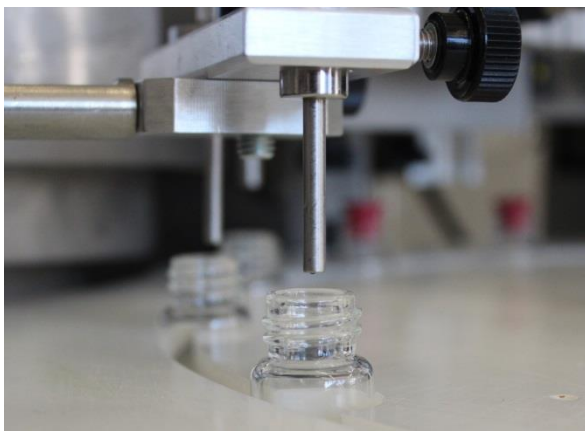
- ← Filling nozzle (reaching inside CIP/SIP fitting)
- ← CIP/SIP fitting with temperature sensor for streaming temperature
- ← Waste hose for cleaning medium and steam

## The peristaltic pump

another brilliant option for the dosing system



## Quick-release filling needles





Application with rubber stopper/crimp cap and screw cap



Application with labeller

## Example of interface settings

(in reference to the machine handbook)

