



PATENT PENDING



- Total bottle automation starting from logistic trolley presentation
- 500 bottles and 500 caps individually washed per hour
- Less than 8 m2 footprint
- Total flexibility to process bottles up to 700ml



*"When full automation starts from logistics!
The operator's only task is to take care
of the trolleys, and that's it!"*



AUTOMATION

iwt
a **TECNIPLAST** company

1/Introduction

Nowadays bottles do generally require a fast turnover in modern facilities. There are several reasons such as reduced weight to handle, high nesting with cages within IVC-Racks, reduced bacteria growth, better research control. All those drivers move the need towards bottle processing systems featuring: the tightest possible footprint, high throughput, wash performances which can be validated as well as outstandingly ergonomic working conditions. All those challenges can be overcome with the new POSEIDON system.

2/Concept

The operator's only task is to feed the system with transport trolleys handling BC-Matic™ bottle crates. POSEIDON takes the crates from the trolley and supplies the P-Line automated bottle washer.

Through that system bottles are de-capped, emptied, washed, filled and re-capped. The properly washed and disinfected bottles are then collected with their bottle crates to be stored again in a transport trolley. Now the operator steps in again by transporting the trolley and the bottles back to the animal rooms for the next loop.

3/Advanced Wash, Disinfection Performances

The outstanding technology of the P-Line automated bottle washer allows complete processing of ~ 500 bottles kit / hour. Bottles and caps are individually processed (washed and rinsed) to attain the highest hygienic proven disinfection. On top of that the newest Green Power™ technologies are in place to grant the results with the lowest possible energy consumption. Thermo-lock cycles grant microbiological reduction without resorting to detergent.

4/Modularity

When the need is autoclaving empty bottles, POSEIDON makes available transport trolleys with washed & disinfected capped bottles. Thus achieving the highest capacity in the autoclave cycle together with the asset to unload sterilized enclosed bottles, consequently maintaining the conditions inside for a longer period of time. On the sterile side, the automatic bottle de-capping / filling / re-capping system of the P series completes the process.



AUTOMATION

POSEIDON Integral Bottle Automation



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