

Z-810

RYCHIGER



We'll lend a hand when it comes to filling and nesting

Ready to use and all under control – whether you're working with purified and siliconized syringes, vials or cartridges, nesters are in the best possible "hands" with our compact, robot-based Z-810.

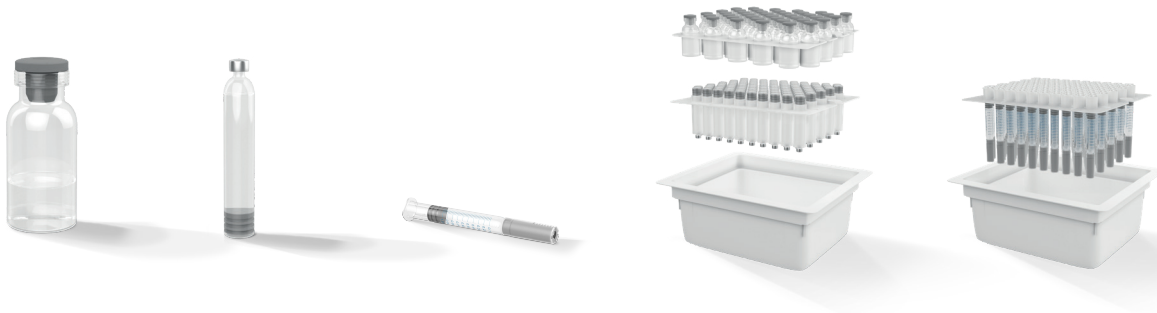
Z-810

- ✓ Fully automated filling and closure of nested syringes, vials, and cartridges
- ✓ Handles high-viscosity products
- ✓ Timesaving, tool-free format switching
- ✓ Cleanroom applications with laminar air flow
- ✓ Controlled and monitored vacuum

As a pharmaceutical company or contract manufacturer, you'll know that production must go on – and that it needs to be precise and error-free. To ensure that your production management teams can rely on this being the case, we've developed the Z-810, a machine that automatically fills and closes nested primary packaging materials.

One investment, lots of added value: the modular structure of the Z-810 offers you maximum variability in the handling of nested products over the entire life cycle of the machine. The fact that you can fill and close cartridges, vials, and syringes at a rate of up to 5,000 pieces/h is impressive enough in itself. But the power of the Z-810 becomes clear above all when it comes to the quick and accurate dosing of high-viscosity liquids.

With its hygienic design and stainless-steel construction, the Z-810 is able to master all of the challenges you face – and its tool-free format switching keeps your downtime so low that it barely impacts the bottom line.



Details



Precision Handling

Robot integration for precise handling with maximum performance.



Layout Adaptability

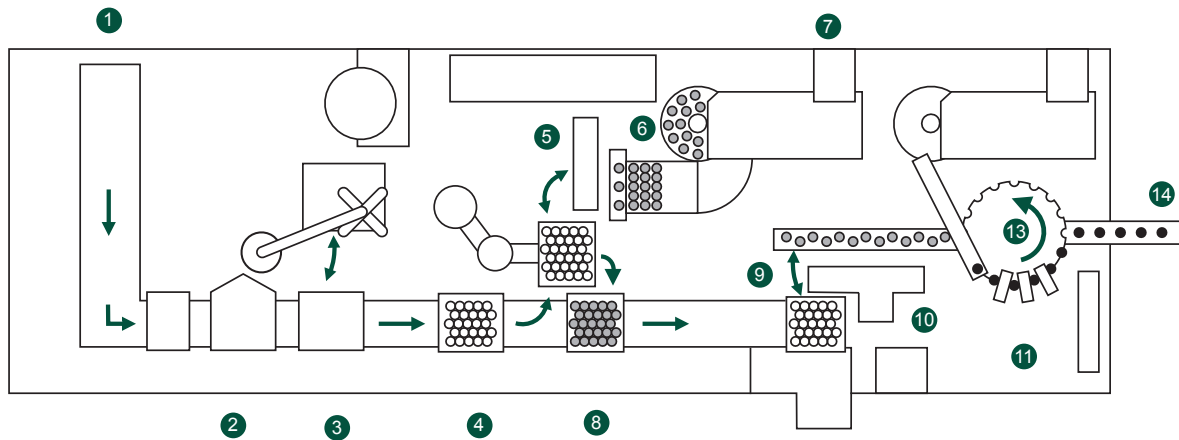
Enjoy flexibility across the board thanks to compact construction and an adaptable layout.



Dosing Versatility

Ability to dose even the highest viscosity liquids quickly and accurately.

Process illustration



- ① Product Insert
- ② Lid Sealing
- ③ Tyvek removal
- ④ Denesting Tray
- ⑤ Filling and Closing
- ⑥ Feeding Bowl Stopper
- ⑦ Hopper Stopper Feeding
- ⑧ Nesting Unit
- ⑨ Stacking Tubs
- ⑩ Vial Handling Robot
- ⑪ Crimping
- ⑫ Cap Feeding Bowl
- ⑬ Turning wheel
- ⑭ Product-Exit

Technical data Z-810

The technical data might vary, depending on the container dimensions and shapes, the product to be filled, the machine configuration and material specifications.

Outer unit diameter	Unit height	Output/min	Output/h
up to 68 mm	up to 180 mm	160	10'000

Size (LxWxH)	Weight	Compressed air	Nitrogen
1,6 x 3 x 2,3 m	1600 kg	6 bar 60 l/min	yes