

# The perfect solution for clean room applications

For IVD, POC or gel cards, look no further than the FS 200. Designed for installation in clean rooms and equipped with a rotary indexing table, the FS 200 assembles, fills and seals even the most complex products with great precision.

# FS 200

- ✓ Approved for clean room applications
- ✓ Quick retooling
- ✓ For medium to large series production
- ✓ Ideal for IVD, POC and gel cards
- ✓ 8 processing stations

The FS 200 is designed for the filling of powders, liquids or lyophilized beads under clean room conditions. Whether in-vitro diagnostics, point-of-care testing kits or gel cards – the FS 200 produces up to 240 units per minute. The FS 200 is equipped with eight stations arranged around the rotary indexing table, and has a footprint of just over two square meters. This compact machine handles everything from filling to punching and sealing. Should you require special processes, Rychiger would of course be delighted to design them for you and integrate them into your FS 200.

The FS 200 can be easily extended and upgraded. For filling, it can for instance be equipped with a smart trolley on which everything is prepared offline for a quick product change. If you require additional downstream processes, for instance for assembly, you might consider installing a second FS 200 as multiple units of this model can be easily arranged along the processing axis. The FS 200 is designed for optimum accessibility and easy cleaning. The drive compartment is completely separate from the processing area. In the production area, there are no sharp corners so that all surfaces are wipe-cleanable. Optional laminar flow guarantees that the process air is free of particles, so that your production meets even the most stringent regulations governing diagnostics production.



## Details



### Clever separation of compartments

The product chamber is completely separate from the drive area, and modules can be flexibly arranged to suit your specific needs.



### Precision dosing

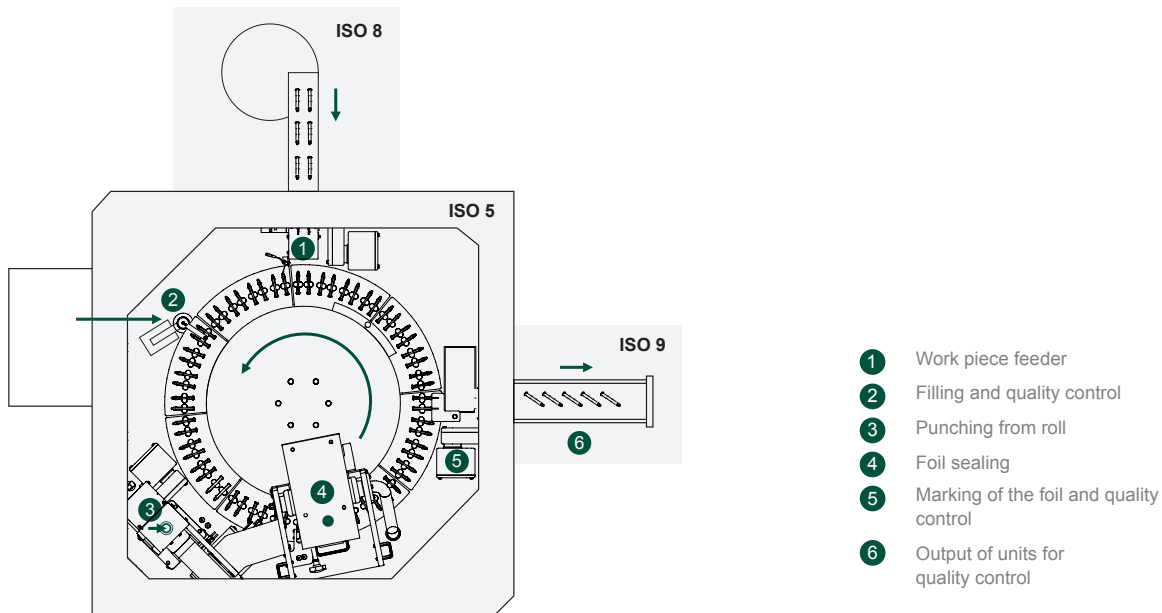
Filling trolleys with high-precision pumps allow for quick product changes.



### Product safety

All surfaces inside the product chamber are easy to clean. At the punching station, punch scrap is automatically extracted.

# Process illustration



## Technical data FS 200

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	Number of lanes	Output/min	Output/h
30 mm	70 mm	4	240	14'400
60 mm	70 mm	2	120	7'200
120 mm	70 mm	1	60	3'600

Size (LxWxH)	Weight	Connected load	Rated power	Compressed air
1,4 x 1,4 x 2,3 m	1'200 kg	3 x 400 V + Pe / 50 Hz 3 x 460 V + Pe / 60 Hz	20 kW	≥ 5 bar 15 l/min