



Automation within a small footprint

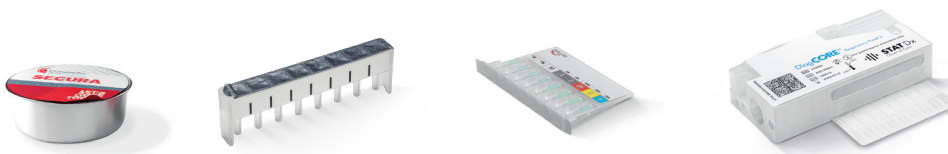
The LT 20 allows you to produce automatically without requiring a large footprint. From small series to a medium-high output, you can always work in the production environment that suits you best.

LT 20

- ✓ Small footprint
- ✓ ISO 8 compatible, GMP
- ✓ Various cleanability levels
- ✓ Zero to medium production runs
- ✓ IVD, POC and ID cards

Following Rychiger's tradition of modularity and industry-leading innovation in production machinery, the latest addition to the machine portfolio is the Linear Transport, or LT 20. The LT 20 is designed to fill and seal multi-well cassettes or cartridges in molecular diagnostic, clinical chemistry and immuno-haematology blood grouping ID gel card applications specifically aimed at operations requiring pilot manufacturing and small-medium production-scale operations of between 10 - 40 cartridges/min.

The basic design is a stand-alone, compact machine footprint based around a linear conveyor platform that runs with optimised and modular in-feed, filling, sealing and labelling options for manual or automated operation. At the heart of the machine is a modular construction to allow a linear section to be added as an extension to the platform depending on the number of processes to be performed. As a standard, expandable platform developed for rapid configuration and installation, the LT 20 can be configured with a range of modular process stations suited to a particular IVD product line.

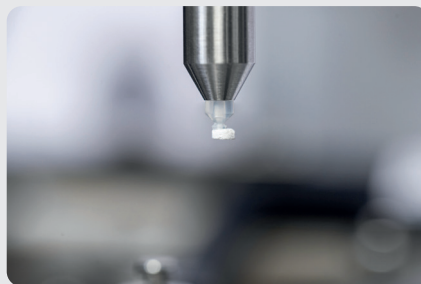


Details



Quality assurance

As with the big ones, the LT 20 also attaches great importance to the quality controls of the product.



Product diversity

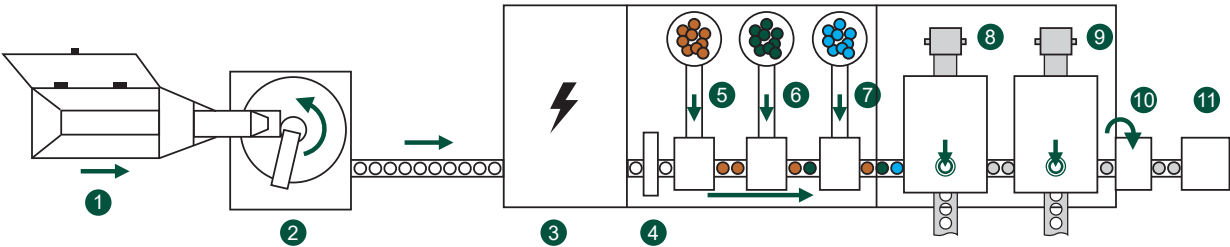
Not only lyophilized products, but also liquids, gels, parts or powders can be dispensed.



Product safety

Process modules are optimized for process safety and cleanability.

Process illustration



- 1

Bunker
- 2

Vibratory feeder
- 3

Electrical cabinet
- 4

Inspection of empty product
- 5

Dispensing 1
- 6

Dispensing 2
- 7

Dispensing 3
- 8

Punching and sealing 1
- 9

Punching and sealing 2
- 10

Reject
- 11

Exit conforming products

Technical data LT 20

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 (lxbxh)	Number of lanes	Output/min	Output/h
IVD	160 x 160 x 120 mm	1	5–20	300–1'200
ID-Karten	160 x 160 x 120 mm	1	40	2'400

Size (LxWxH)	Weight	Connected load	Rated Power	Compressed air
1,8 x 0,8 x 2,03 m	600 kg	3 x 400 VAC + N + PE / 50 Hz 3 x 460 VAC + N + PE / 60 Hz	20 kW	p ≥ 5 bar 15 NI/min
2,8 x 0,8 x 2,03 m	1'200 kg	3 x 400 VAC + N + PE / 50 Hz 3 x 460 VAC + N + PE / 60 Hz	25 kW	p ≥ 5 bar 30 NI/min