AMPOULES FILLING & SEALING MACHINE
TYPE R980/MA

Standard equipment

- Adjustable inclined infeed magazine
- Product range: 1 – 10 ml
  Max. diameter: 18 mm
  Output up to: 24.000/h
- Eight filling stations. Dosing by means of seal-less rotary piston pumps made of stainless steel SUS 316L or ceramic.
  Filling range: 0,2-2 ml / 1-5 ml / 2-10 ml
- Feature „No ampoule – no filling"
- PLC control Siemens S7 with operator interface in clear text
- Interlocking safety cabinet
- Change parts set for one ampoule size
- Heat exhaust device
- Mechanical draw-off
- Outfeed magazine

Options

- Special dimensions for infeed and outfeed magazine
- Opening station for closed empty ampoules Form D acc. to DIN/ISO 9187
- CIP/SIP capability
- Inert gas supply before, during and after filling as well as during sealing
- Inert gas supply deficiency control
- Laminar flow hood
- Gas compressor
- Pump moistening device
- Diverse filters for gasses and medium
- Compact line integration
- Batch protocol printer.
- CFR 21 Part 11 compliant industrial PC
- Further options on request

Features

The linear ampoule filling and sealing machine type R980/MA is suitable for filling any liquid, either under sterile conditions or not.
The integration of state of the art technologies as well as servo-drives assure a gentle movement and breakage free transport of the ampoules
A comprehensive list of optional features and accessories allows this machine to be provided to meet the individual requirements of each customer and application.

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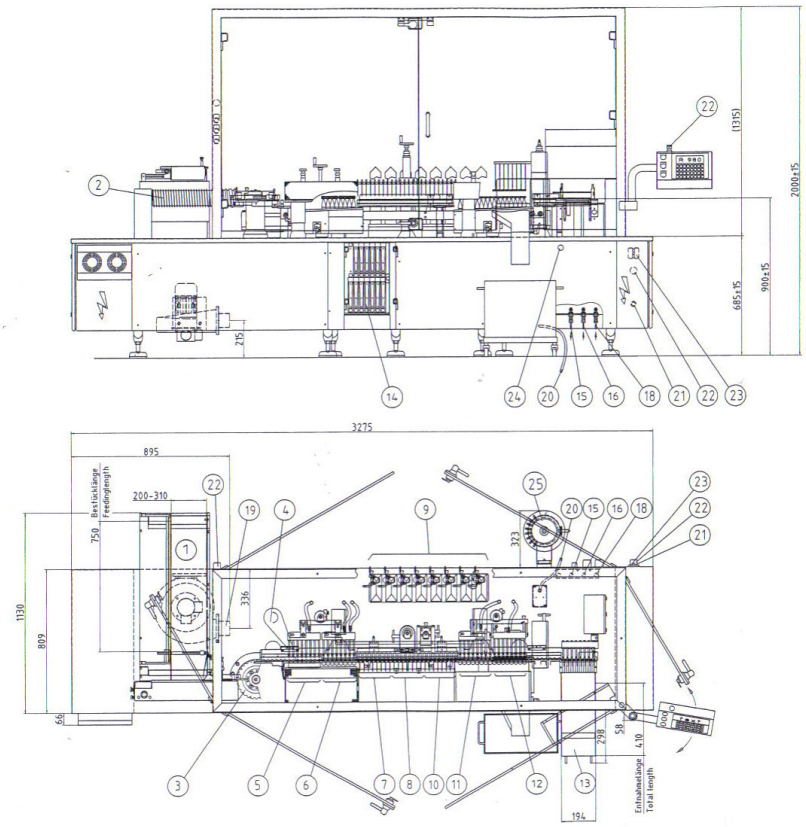

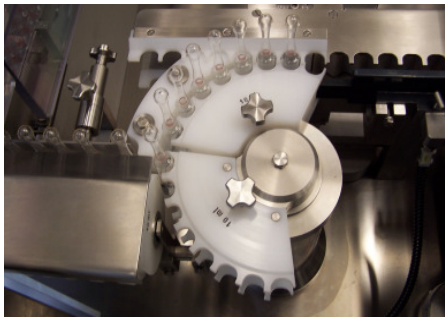

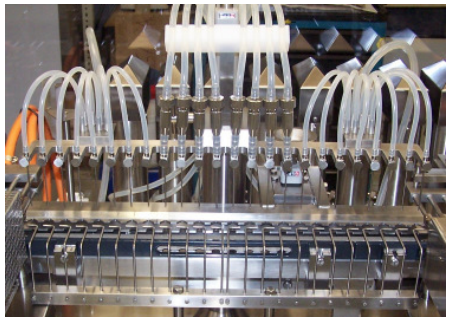

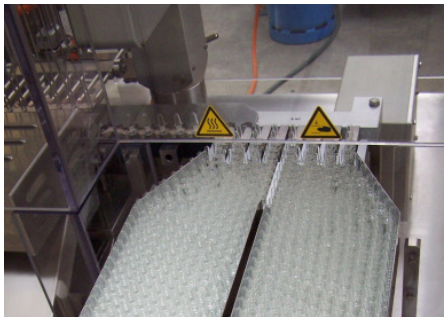

The inclined metal belt gently pushes the bunch of ampoules towards the infeed screw, which separates and transports them to the intermediary wheel to be handed over to the transport rake. The transport rake hands gradually the ampoules over the machine through the opening station (option), filling station (pre-gassing, gassing during filling and post-gassing are optionally available) and sealing station. Thus a careful object transport is ensured.

Ampoules are filled by means of four rotary piston pumps (accuracy better than ± 0.5%).
The ampoules are centred in order to allow the gassing and filling needles to move into the ampoules without touching their neck, so that wetted neck and black spots resulting from carbonisation are avoided.

After the sealing station, the filled and sealed ampoules are gently pushed out of the transport rake by an exiting finger into the outfeed magazine.
The ampoules can then be discharged from the outfeed magazine by means of suitable trays.

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