

# DecFill® AF-50-100 Ampoule Filling and Closing Machine



- Processing of open ampoules, pre-sealed ampoules and vials
- Smooth object handling due to the use of star wheel pockets with guide bearings
- Extremely accurate dosing with proven rotary piston pump
- Excellent closing results through a two-step sealing process
- Optimized for the use under laminar flow, RABS or isolator

Technical Data	DecFill® AF-50	DecFill® AF-100
Output	3000/h	6000/h
Dosing Range	0.01 - 50 ml	0.01 - 50 ml
Electrical Supply	230/400V, 50/60 Hz, 1 kW	230/400V, 50/60 Hz, 1 kW
Dimensions (LxWxH)	1200 x 1700 x 1850 mm	1100 x 1800 x 1850 mm
Weight	650 kg	800 kg

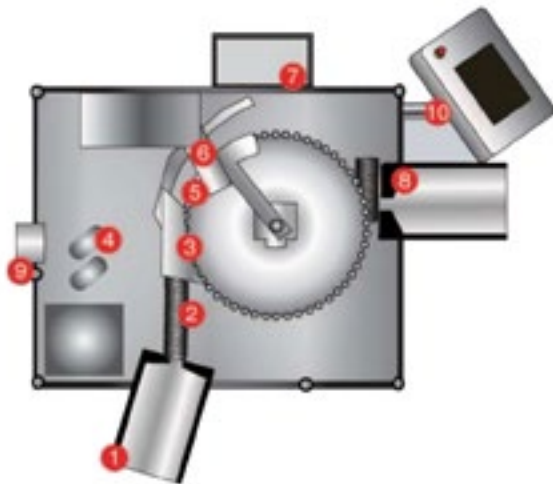
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Ampoule filling machines feature filling and closing of ampoules and vials in one single compact unit

A transport star wheel provides smooth and continuous transfer of the objects to the working stations. Two-piece, valveless dosing pumps provide precise dosing while achieving filling accuracies of up to +/- 0.05 %. The containers are continually rotated to minimize foaming of product. Furthermore, this rotation provides an evenly heated ampoule stem, leaving a perfect dome. When

processing vials, the containers are closed with rubber stoppers. The stoppers are sorted by vibrating bowls before they are transferred as stand-alone or integrated into a production line.



- 1 Container infeed
- 2 Infeed scroll
- 3 Continuous transport
- 4 Dosing station
- 5 Filling station
- 6 Two-step sealing process
- 7 Collection bin for ampoule tips
- 7 Discharge
- 8 Flow controls
- 10 Operator interface terminal (Touch Screen)

