

AMPOULES FILLING MACHINES

aafm
SERIES



Laboratory of industrial research

Art. n. 14 of ministerial decree n. 593 of 8 august 2000

*Ministero dell'istruzione,
dell'Università e della Ricerca*



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INNOVATIVE **TECHNOLOGY** AT YOUR SERVICE

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The AFM series of ampoules filling & sealing machines have been designed and built to meet all the prerequisites for modern ampoule production.

AFM series meets the highest standards of the pharmaceutical industry to provide a modern, ergonomic design that supplies the customer with maximum benefits.

With a wide range of models, to suit different formats and production requirements, customers will be able to find a machine appropriate for their needs.



On request, the AFM series machines can be equipped with optional items such as in-process control system, closing station for vials, infeed and outfeed starwheels, laminar flow hood, and isolator.

The open ampoules can be transferred directly from the sterilizing tunnel to the AFM infeed belt. Via an infeed screw and transfer wheel the ampoules reach the conveying system by means of which they are transferred through the various work stations.

After inert gas flushing and filling operations, the ampoule necks are pre-centered by the draw-off grippers. After sealing, the tip excess is removed and released into a collection bin. Also during the sealing procedure gas flushing can take place. At the exit of the machine the filled and sealed ampoules are pushed into the outfeed magazine.

Main features:

- Automatic loading
- Dosage adjustment with centralized and individual micrometric control
- No ampoule - no filling check
- Stainless steel rotary piston pumps
- Sealing station
- Gas and oxygen safety valves
- Flames ignition control
- Stoppering process for vials (optional)
- Automatic discharge



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