



**TECHNICAL
SHEET**



CR-8000

**VACUUM AND INERT GAS
CRIMPING STATION**



CHARACTERISTICS :

The CR-8000 crimping robot is designed for high-end pharmaceutical applications, including aseptic vial filling under controlled atmosphere conditions. It enables vials of all sizes (02R to 50R) to be stoppered and crimped under vacuum and inert gas with perfectly reproducible, smooth manner.

Two vibrating bowls supply caps and stoppers. The system features two dedicated trays:

- an entry area for placing vials without closures, suitable for aseptic vial filling preparation;
- an exit area where vials are automatically placed with their stoppers and caps crimped after vacuum or inert gas replacement, stoppering, and crimping.

A positioning cone places each vial in the vacuum and/or inert gas preparation area. A multi-purpose tool attached to the end of the robotic arm grasps the cap and then the stopper, and proceeds to plug the vial by first creating a vacuum and filling that vacuum with an inert gas, and then placing the stopper before crimping.

A specific software program controls all sequences and manages the formulae (with or without cap and stopper placing, with or without vacuum and inert gas replacement etc.), making the system fully configurable for aseptic vial filling processes.

The program includes three access levels for managing user rights: Operator, Maintenance, and Engineer.

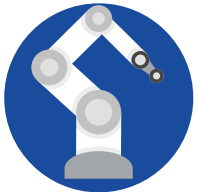
BENEFITS :

- Tailor-made robot designed to suit your applications and working environment; functions can be added or modified
- Fully automated and reproducible workflow ensuring product integrity during aseptic vial filling
- Compact vibrating bowls, easy to dismantle and clean for aseptic environments
- Controlled by an integrated computer with touchscreen
- Plugs directly into the mains for stable and continuous operation
- Enclosed with safety glass and warning lights for secure use in aseptic vial filling areas
- Fully automated process :
 - Vial pick-up.
 - Pick-up and placement of the closures (stoppers and caps).
 - Vacuum and inert gas replacement.
 - Crimping.
 - Vial placement in the exit area.
- Modular and flexible formulae, allowing rapid adaptation to different aseptic vial filling protocols and product requirements

DESCRIPTION	CAT. NO.
Crimptronic CR-8000 electronic crimping station (Without accessories)	CR-8000



Universal and compact vibrating bowl
Depending on the capsule type, one bowl can handle several capsule types. Example: 13mm flip-off and 20mm flip-off using the same bowl



6-axis robotic arm for cleanroom



Controlled via a PC with a 15» touchscreen and integrated emergency stop.
Infinite programming of production recipes.



Automatic deposit of caps and stopper



Door safety switches and contactors



Mobile unit with safety glass partition



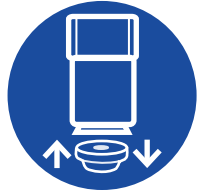
Custom adaptation of the device according to your needs and applications



Vacuum packaging with air and inert gas



Machine can be repaired for 10 years



Cap crimping and stopper positioning tool



Automatic bottle movement



French manufactured

