



A S E P T I C

UNSCRAMBLER FOR PLASTIC BOTTLES



ASEPTIC is an unscrambler for very small bottles for the Pharmaceutical Industry (nasals sprayers, droppers, etc...).

Aware of the needs of the market, and with the objective of responding to all type of demands, this machine has been designed according to Good Manufacturing Practice (GMP) standards used in the **pharmaceutical and cosmetic sector**.

Made from **stainless steel** and **POM** in the product zone, and designed with the Aseptic laminar flow in mind, it prevents dust accumulation in corners and other places. The equipment and parts in contact with the containers can be easily extracted, inspected, and sterilized in autoclaves.

The ASEPTIC **does not require compressed air** to work.

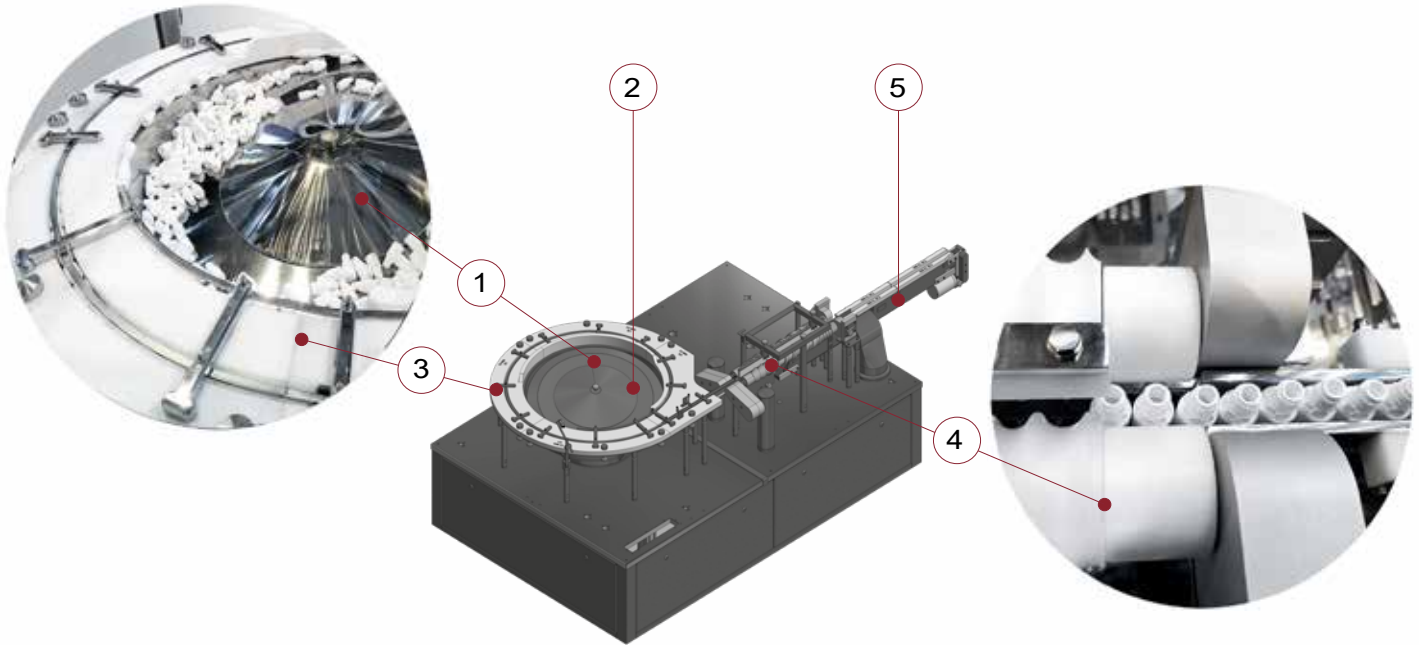
A simple rotating movement inside the unscrambler and the action of two worm screws are sufficient to position the containers, ensuring that **the containers are handled with the greatest care**.



Description of the equipment

The unscrambler has a central hub (1) that while rotating, gently pushes the containers toward a specific zone (2), in which they are pre-positioned and inserted into guides (3).

Once in the guides, and due to the movement of the central hub, the containers are transported toward a set of worm screws (4) that stand them up and takes them to the exit conveyor belt (5).



The central hub (1) and internal parts that are in direct contact with the containers are made of AISI 316 stainless steel. The worm screws (4) and the guides (3) that also come in direct contact with the containers are made of white polyoxymethylene (POM). The surface finish, with no edges, is suitable for the pharmaceutical sector. All welded seams are continuous and electro-polished.

Ultrafast format change: You only have to change the guides (3) and worm screws (4). There is no need for tools or adjustments.

This type of equipment can be installed in monoblock together with a filler or stand-alone with its own protective enclosure.

POSIMAT Advantages

Simple design and operation: the ASEPTIC unscrambler has only a central rotating hub. There are no hooks, bands, springs, belts, lifters, ramps, or chains that need to be replaced in the long term.

Gentle handling of all types of bottles and vials.

Specialized Operators are not needed.

Reliable and simple, almost zero maintenance.