



MICRO

EMPTY PLASTIC CONTAINERS UNSCRAMBLER



MICRO unscramblers are designed for **small bottles** capable of production rates of up to 200 bpm. The MICRO is a very compact unscrambler predominantly made out of stainless steel with fast changeovers that can be done in less than 5 minutes.

Changeover is performed by simply removing and reinstalling selectors and funnels, tailor made for each container format. This operation can be completed by an unskilled operator **without tools or adjustments**.

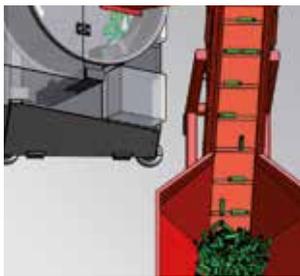
Its small-size and predominately stainless steel construction makes this model design perfect for pharmaceutical, cosmetics and food applications.



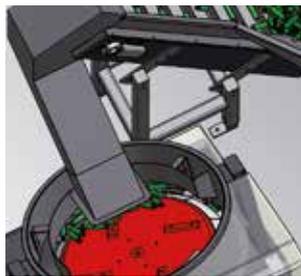
Equipment description

The bottles are loaded into the unscrambler by a Hopper Elevator where they are distributed on the upper rotating disk and fed in to the “selectors” located around the periphery of the disk. There is no mechanical manipulation of the containers during the unscrambling process; the containers are moved **simply by air and gravity**.

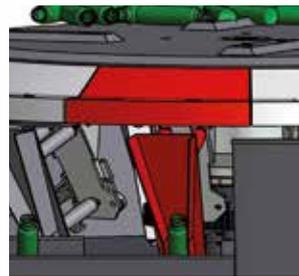
The bottles then drop from the “selectors” into the funnels, where they are discharged upright on to a vacuum conveyor.



Bottles hopper elevator



Upper rotating disk



Selectors & funnels

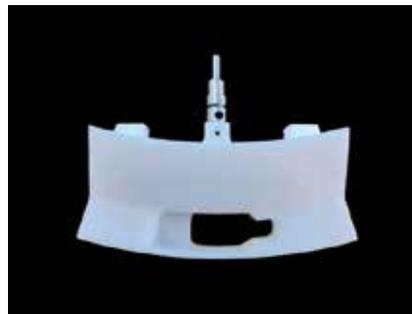


Exit conveyor

The **Format can be changed** by simply unplugging and plugging in the new selectors & funnels of the next format to be unscrambled and does **not require any tools or skilled staff**.



Access door to selectors and funnels to make the changeover



Selector



Funnel

POSIMAT advantages

Simple design and operation: the bowl has only one moving central part.

No damage to containers; The process does not use hooks, springs, belts, lifts, ramps or chains that could damage the containers.

There are **no wear parts** that need to be replaced on a regular basis resulting in a basically maintenance free system.

Easy to operate: does not need skilled operators.