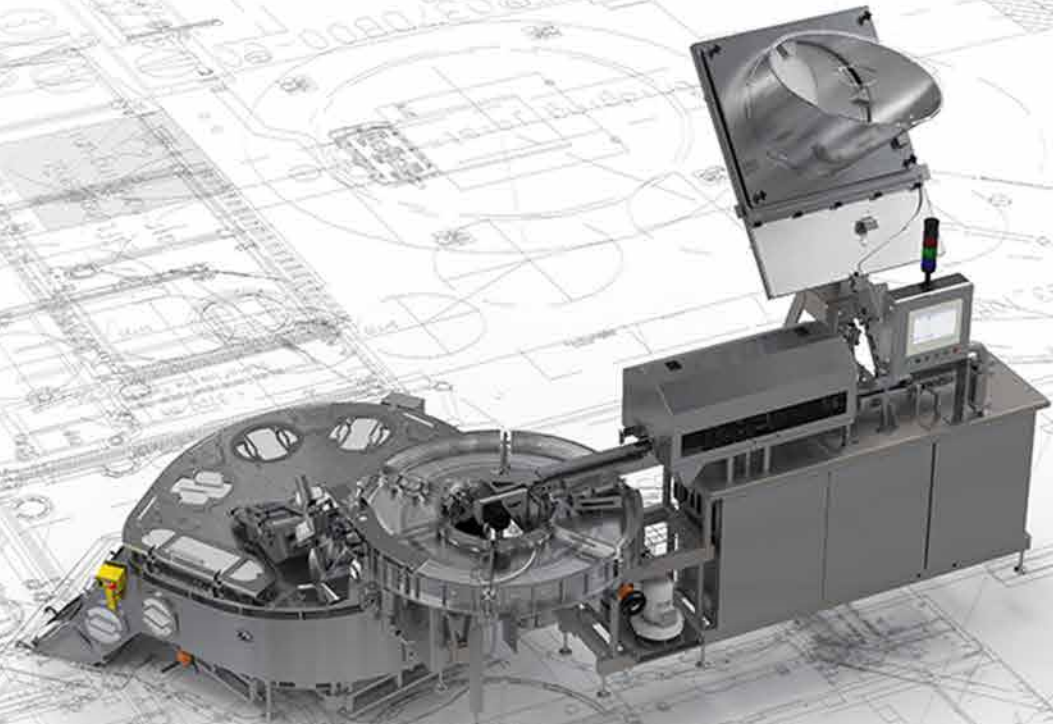




CapAsept D

Microbiologically-safe process for cap disinfection with H_2O_2



For safe cap disinfection

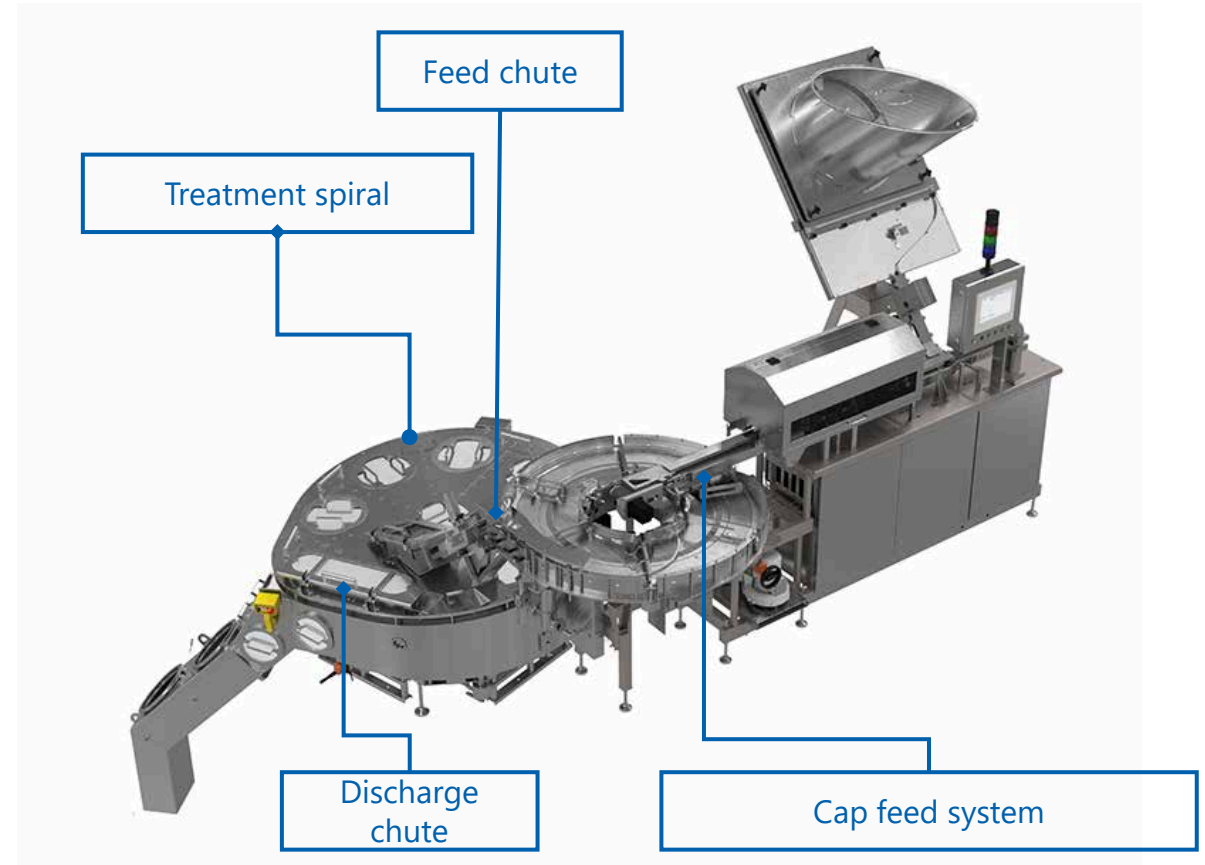


He who counts on a very safe microbiological process for the disinfection of containers and caps should go with gaseous hydrogen peroxide as the ideal sterilising media. The gaseous medium is distinguished by its short treatment times and at the same time it reaches every single angle of the surface to be disinfected. This is exactly why it is predestined for cap treatment. Kronos has further developed the CapAsept D disinfection system and specifically optimised the sterilisation distance for caps.

At a glance

- Safe sterilisation of sports caps and flat caps
- Output: up to 72,000 caps/hour
- Further development: single-track treatment spiral instead of the long and in parts double groove tracks
- Result: low consumption of H₂O₂ and energy
- Reduced space requirement: Lower construction heights realisable*

* Compared to conventional sterilisation units



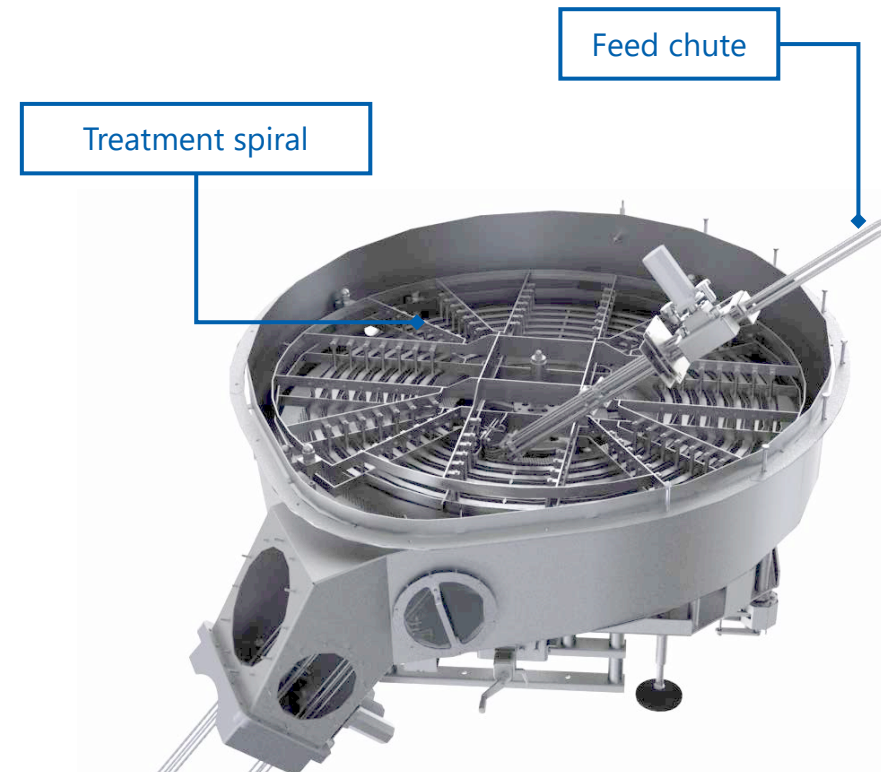
Method of operation



First the caps enter the sterilisation unit via an infeed chute. A stepper motor ensures that the caps have a certain distance to each other. Then the caps slide onto the turning rotor unit or better onto its perforated plate. The rotation movement gently pushes the caps along the single-track treatment spiral from the inside to the outside.

Benefits to you

- The caps can be effectively treated with gaseous H_2O_2 from all sides.
- There is no friction between the caps or between the caps and the unit.



Flexibility for several cap variants



Infeed and discharge chutes

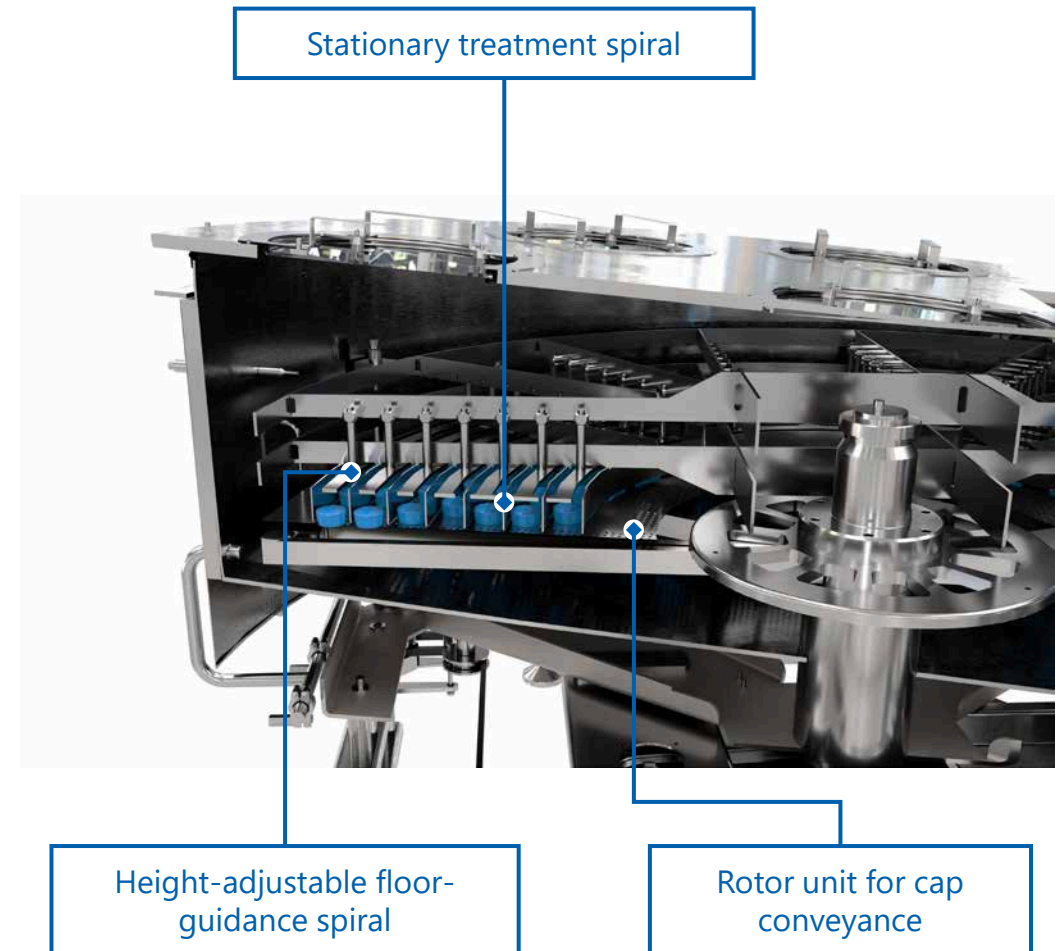
- Designed for the respective cap sizes
- Adjustment with special ready-to-use change parts

Treatment spiral

- Uniform design for a large range of caps (e. g. 28 to 38 mm)
- No use of change parts required

Floor-guidance spiral

- Infinitely variable height adjustment of the guidance height: Safe guidance of various cap heights
- Adjustment via a crank outside the unit



Hygienic treatment room



The inside of the CapAsept D is distinguished by its new design. The floor is slanted and without any flat surfaces. Possibly released plastic abrasions fall through the perforated plate onto the slanted floor and can be easily removed during the cleaning process.



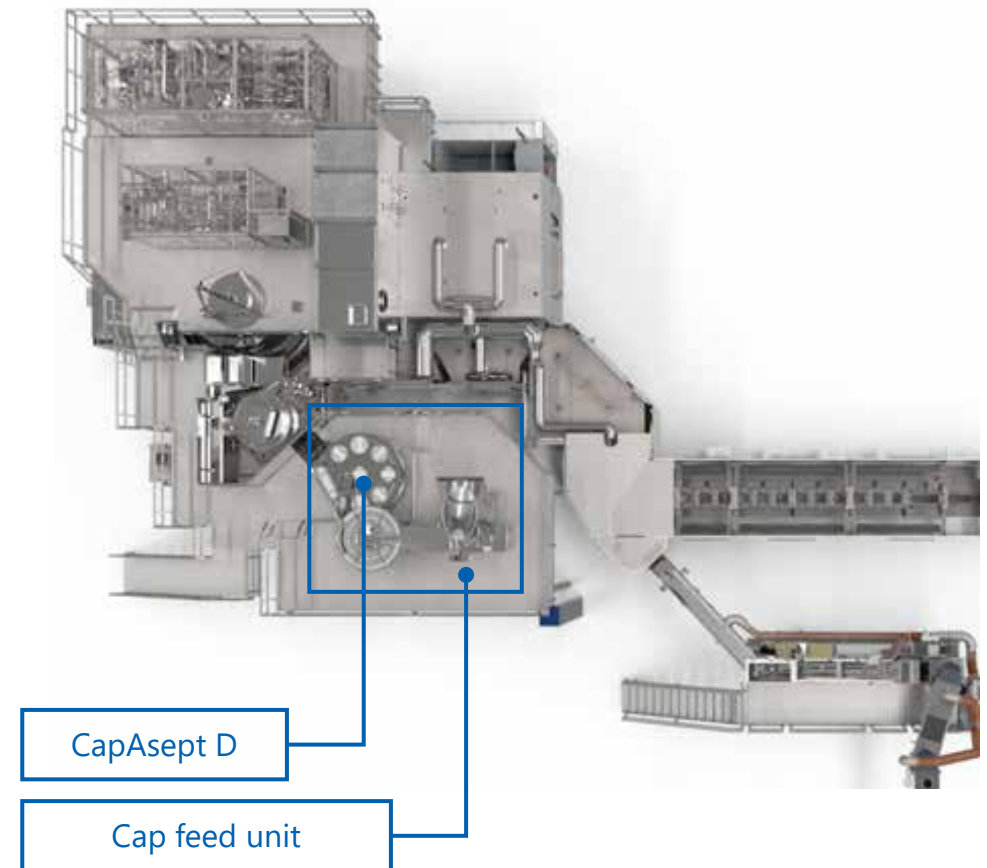
Low installation height



The redesigned version of the sterilisation unit is distinguished by its new and flat design. This way, it can be easily incorporated in production areas with low hall heights.

Combination with Krones cap feed systems

- Uniform interfaces: trouble-free connection of all aseptic feed systems (sorter or sorting elevator)
- Flexibility: Combination of up to three sorting elevators as well as small or large cap buffer system possible
- Process reliability: Connection of Krones cap inspection unit



Benefits to you



Increased operator comfort

The low construction height also improves the accessibility to all essential areas and the infeed and discharge chutes can be easily replaced in just a few steps.

Safe cap conveyance

The infeed chute as well as the treatment spiral are in single-lane design. This allows for the caps to run through the disinfection unit without accumulating or pushing each other.

Combination with Krones cap feed systems

With its new flat design, the CapAsept D can be ideally combined with Krones cap feed systems. This way, both units can be installed also at very low hall conditions.

High performance at flexible treatment times

The gaseous hydrogen peroxide disinfects the caps safely with a short treatment time (approx. 12 to 18 seconds depending on the cap type).

Infinitely variable height adjustment of the guidance height possible

CapAsept D gives you the opportunity to flexibly select the cap type. This is because the guidance height of the floor-guidance spiral can be infinitely adjusted to the respective cap size enabling you to process many different cap types without any time-consuming change-over work.

Requesting a new machine

You can easily send a request for a non-binding quotation in our Krones.shop.



Everything from a single source



Training courses at the Krones Academy – trained personnel will increase your line efficiency

The multifaceted offer by the Krones Academy ranges from operation, servicing and maintenance courses through to management training. We will gladly also create your individual training programme.

KIC Krones cleaning agents make your machine shine

An immaculate production environment is essential if your product is to shine. KIC Krones provides you with the optimum cleaning agents and disinfectants for each individual production step.

KIC Krones lubricants – for each production step

Whether for gears, chains or central lubrication systems – our greases and oils are true all-round talents. They can reach every lubrication point, protect your line and ensure gentle treatment for your products thanks to their food-grade quality.

Krones Lifecycle Service – Partner for Performance

It goes without saying that also after the purchase of new machines, Krones takes care of your lines: The Krones LCS experts are always there to help you reaching your goals and turn your wishes into optimal LCS solutions.

High-quality components from Evoguard and Ampco

Are you looking for shut-off, separation or control valves? For hygienic or aseptic applications? Would you like to have pump technology that perfectly fits into your machines? You will find exactly what you are looking for at Evoguard and Ampco Pumps. The two Krones subsidiaries cover the entire spectrum of process technology components that you need for high-quality production.

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BEYOND
TOMORROW**

