



Linatron 774-C

Smart and reliable full container inspection



Know exactly what's inside



What should be in your containers after filling? Exactly: the beverage - and nothing else. The Linatronic 774-C ensures that there are no unwanted surprises when you enjoy your products. This is because it takes a close look at every container and unerringly detects both foreign particles and even the smallest damage.

At a glance

- Inspection of full containers
- Suitable for glass and PET containers
- Inspection modules for glass containers:
 - Lateral base inspection
 - Suspended matter inspection
 - Base inspection unit (bright field)
- Inspection modules for PET containers:
 - Lateral base inspection
 - Suspended matter inspection
 - Detection of floating objects



Lateral base inspection for glass and PET containers

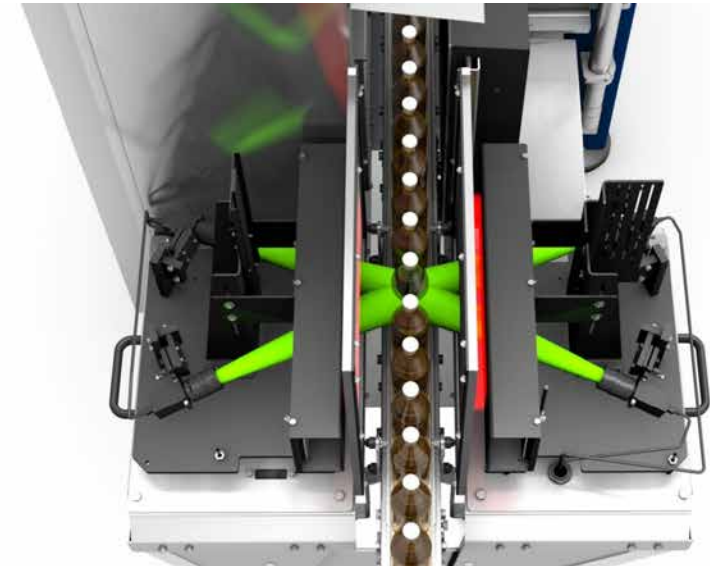
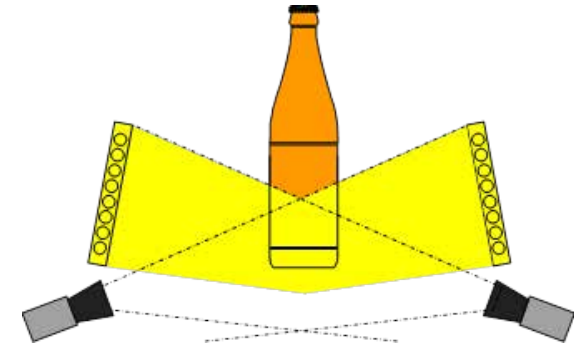


Detects the following on the container base:

- Non-transparent foreign objects with high density
- Semi-transparent foreign objects with high density

Technical features

- Two modules
- Eight cameras
- Eight views
- Container rotation by 90°
- 360° inspection



Suspended matter detection for glass and PET



Detects the following in/on the container:

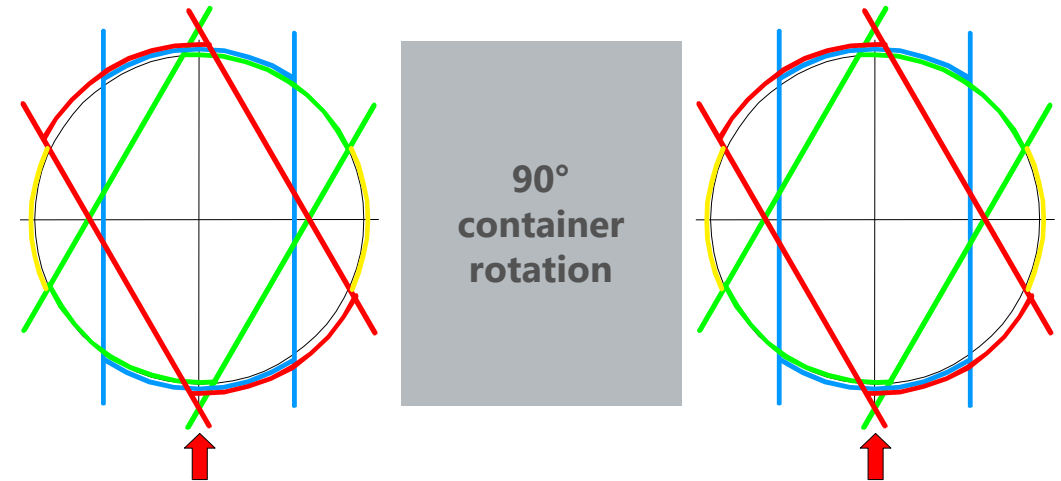
Non-transparent foreign objects

Semi-transparent foreign objects

Damage

Technical features

- Two modules with one camera each
- 90° container rotation between the modules
- A total of six views per container
- **Result: 360° inspection of each container**



Base inspection (bright field) for glass containers



Detects the following on the entire container base:

Two and three-dimensional objects



Leakage detection for glass containers



Inspects glass containers/caps for the following:

Leaky caps	At products containing CO ₂
Hairline cracks and chipping in the area of the neck	
Missing compound liners	
Mechanical deformation on crowns	

Technical features

- Output up to 75,000 bottles per hour
- Suitable for containers with crowns, twist-off and ring-pull caps



Test container program



Is the inspector working as precisely as it should? The test container program provides a clear answer to this question. For the method of operation of the individual inspection units is put to the test using test containers containing faults.

Technology used

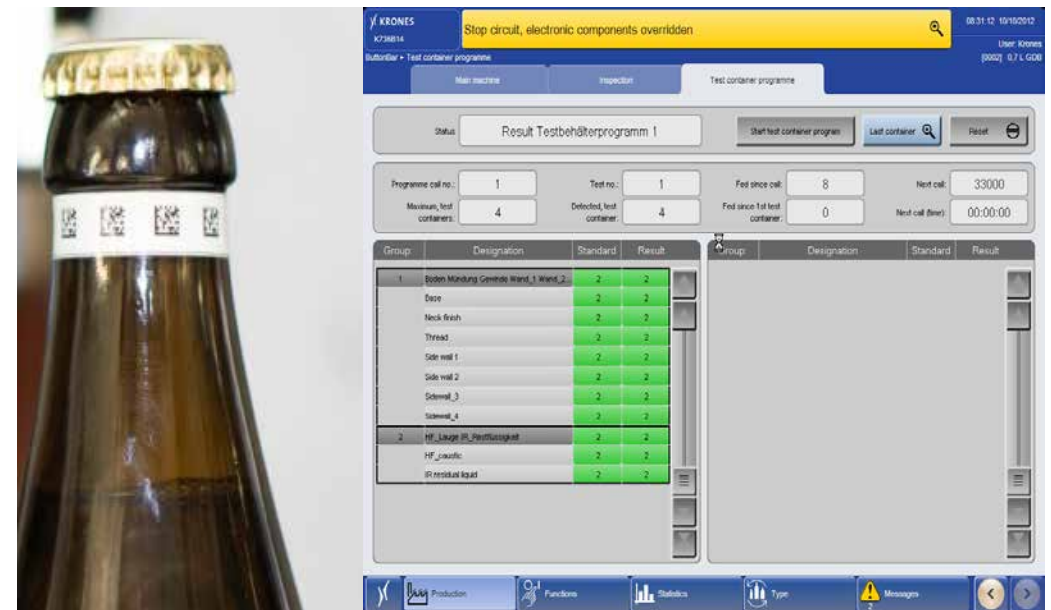
- Multifunctional test containers
- Self-adhesive 2D code strip

Method of operation

- The program is called up automatically after a specified number of containers or time
- All of the results are saved automatically with the date and time

Benefits to you

Regularly checking the inspection performance guarantees highly reliable production.



Safety management



Data back-up

To ensure continuous traceability, the following production data is saved automatically:

- Production data
- Parameter changes
- Malfunctions
- Results of the test container program

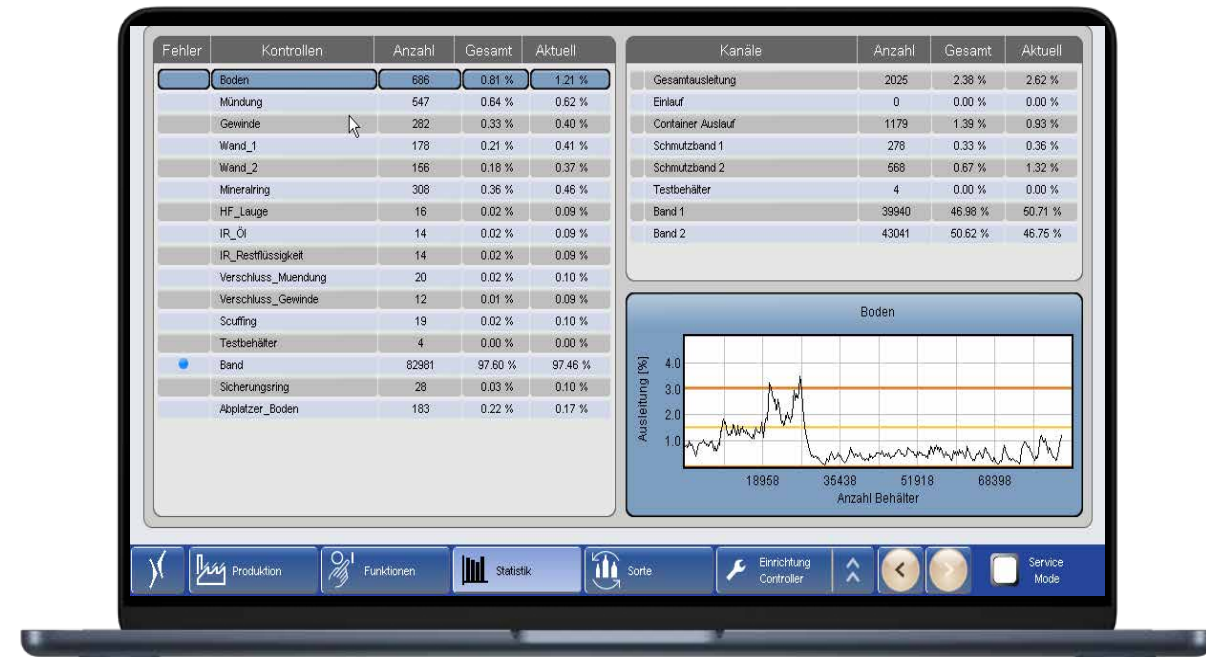
Trend statistics

You can follow what is currently going on in and around the inspection at any time on the touch-screen. The displayed data includes the following:

- Changes in the container pool
- Deviations in ambient conditions, e.g. dirt on the protective glass covers
- Rejection rate – the user is also automatically warned or the machine is stopped if the deviation is too great

Password protection

- Production is started once an authorised person logs on
- Identification using transponder technology
- Password protection with automatic log-out function



Operation and maintenance



These settings are made automatically so that the type change-over can be performed quickly and correctly:

- Conveyor belt distance
- Distance between the top and bottom conveyor belt
- Camera position

Professional assistance around the clock

Remote maintenance is performed on the Linatronic via the GRS (Global Remote Service) remote service platform. If required, one person from the Kronos team of inspection experts accesses the machine using a safe internet connection in order to, for example, to

- optimise the inspection units.
- set up new container types.
- train the production/operator staff.



Conveyor belts and additional packages



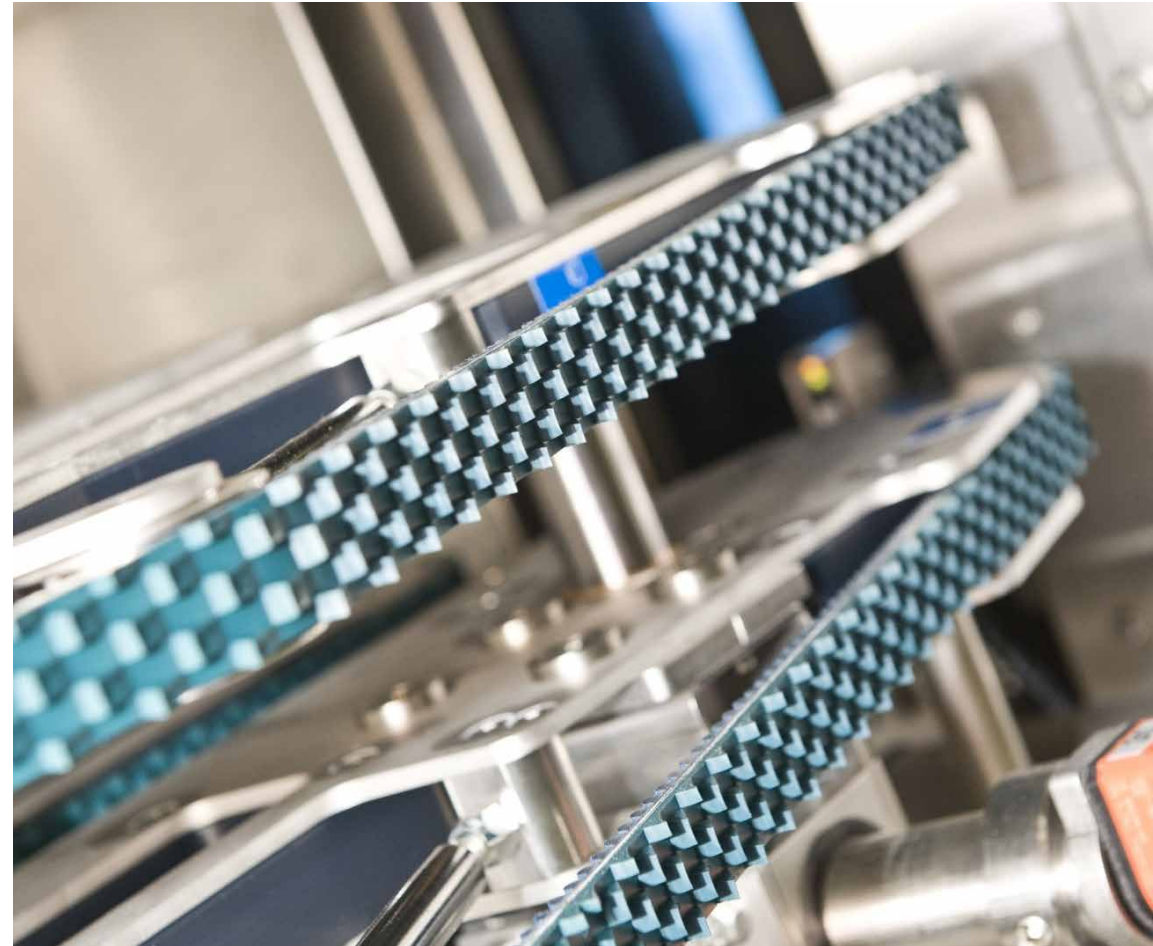
Conveyor belts

- Do not absorb water or foam
- Are resilient to glass
- Have microbiological safety
- Can be changed over quickly and easily

Additional packages

Would you like to adapt your Linatronic to precisely suit your production requirements? No problem thanks to optional equipment:

- Leakage detection system



Rejection systems



The Krones rejection system conveys containers found to be faulty reliably and easily from the production flow. You can choose from a number of different systems depending on the application and line layout.



Ecoslider Pro

- Electrical rejection unit
- Suitable for empty glass bottles
- Rejection of the containers onto a rejection table
- Energy-saving operation without compressed-air consumption
- Up to 72,000 containers per hour



Ecopush

- Electrical rejection unit
- Suitable for empty glass bottles
- The bottles are rejected onto a rejection table, into a collecting bin or on parallel conveyors.
- Bottle sorting possible
- Energy-saving operation without compressed-air consumption
- Low noise level
- No maintenance work needed
- Up to 100,000 containers per hour
- Optionally with two pushing speeds



Benefits to you



Long-life conveyor belts

Particular care was taken when selecting the surface of the conveyor belts. It is more resilient to glass and prevents the absorption of lubricants and liquids.

Quick type change-over

The automatic adjustment of conveyors and the camera position ensure that the Linatronic is adjusted to new container types within just a few minutes.

Immediate round-the-clock assistance

With the GRS remote service platform your machine is directly linked with the Krones service department: If you require assistance, an inspection expert from Krones simply accesses the Linatronic online and immediately performs the task in hand – without having to travel to your company, at any time of the day or night.

Economic operation

Inspection modules capable of multitasking, energy-saving components and a false rejection rate of just 0.3 percent prove that it is also possible to create maximum production reliability with a low total cost of ownership.

Safety for you and your products

The Linatronic protects your consumers against unpleasant surprises. For its inspection modules scrutinise every container and detect even the smallest defects or irregularities.

Hygienic construction

Smooth surfaces and a reduced number of machine supports ensure that a low amount of dirt clings to them and the machine is easy to clean.

Requesting a new machine

You can easily send an enquiry for a non-binding quotation in our [Krones.shop](#).



Everything from a single source



Training sessions at the Krones Academy – trained personnel for an increased efficiency of your line

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.

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.



**SOLUTIONS
BEYOND
TOMORROW**

