

15 – 120 mm mouth rim inspection system

for the inspection of containers made of clear glass and coloured glass
for the inspection of round articles and moulded articles
with an inspection speed of up to 500 containers per minute

On-site installation, operation, service:

- Simple connection to an existing conveying belt
- Supply also with own conveying belt and ejection unit
- Connection to different line control systems and different data acquisition systems possible
- Self-test functions are installed
- Image evaluation with commercially available hardware



Technical data:

- Space-saving design
- Also available as mobile variant
- Machine dimensions: 553 x 670 x 2,180 mm (W x D x H)

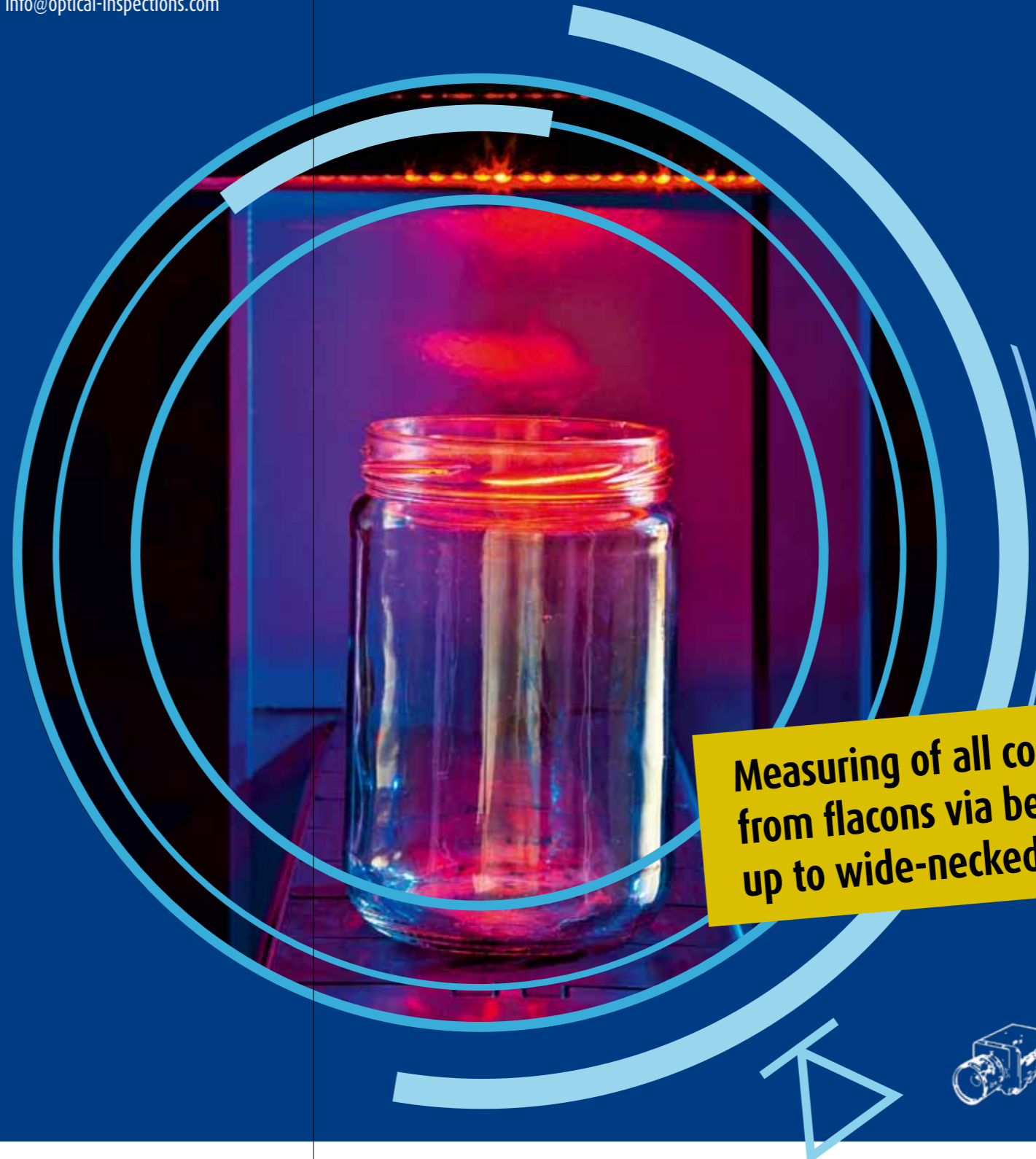


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Optical inspection of mouth rims

with a mouth rim diameter up to 120 mm
independent from changing light conditions and glass colours



+ Detection of all possible defect types in the mouth rim area using special LED flash illumination and a camera from above

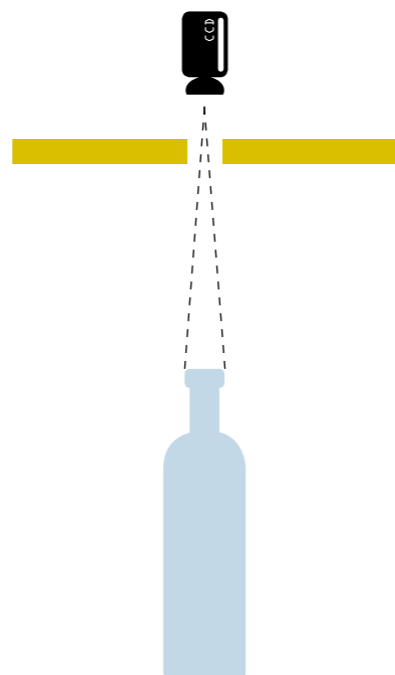
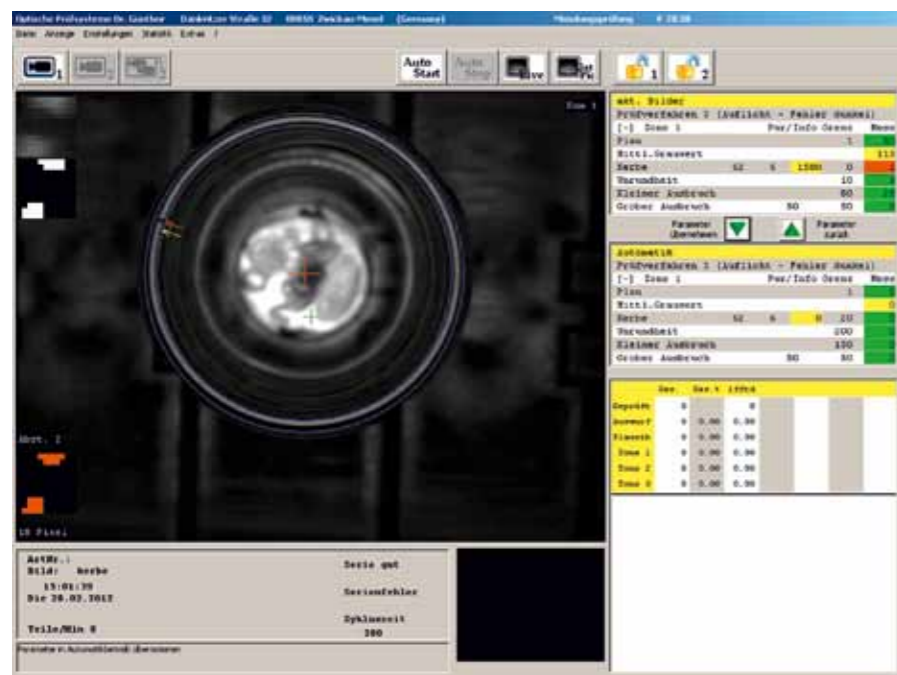
Measuring of all common mouth rims,
from flacons via beer and juice bottles
up to wide-necked glasses



Optische Prüfsysteme
Dr. Günther

15 - 120 mm mouth rim inspection system

visualizes all defect types at mouth rims up to a diameter of 120 mm using special LED flash illumination



The use of special light sources allows the optimal visualisation of defects of different types.

Detection of all possible defect types in the mouth rim area

using special LED flash illumination and a camera from above



- 1 Line-over-finish
- 2 Overpressed borders
- 3 Damage
- 4 Open bubbles
- 5 Incomplete mouth rims
- 6 Sugar rims
- 7 Oval mouth rims

Optical features:

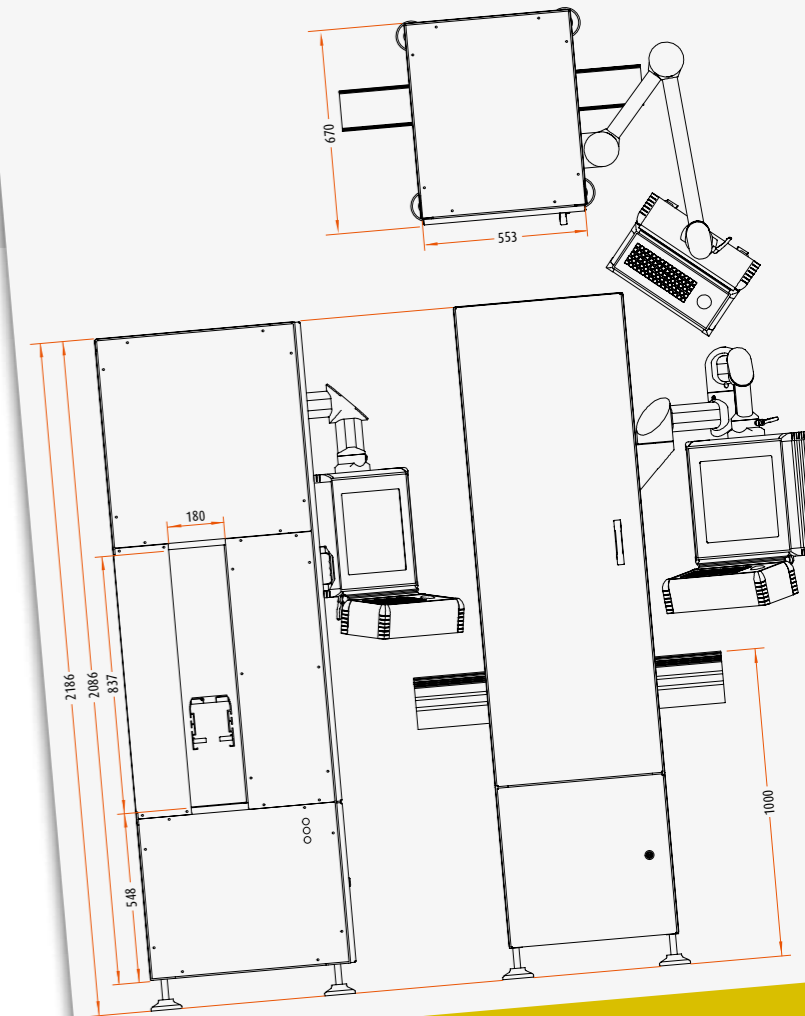
- Inspection is performed with a camera from above
- Different illumination types are available for different defect types

Inspections characteristics:

- The inspection is contact-free while the containers are driving on a conveying belt
- Mouth rims from 15 - 120 mm can be inspected
- The inspection is independent from changing light conditions and glass colours
- The rejection of the NOK parts is controlled by an encoder

Operation and evaluation:

- 3 testing zones can be set with different sensibility values, thresholds and search algorithms for the OK-NOK-determination
- All inspection parameters can be changed during running production
- Container tracking is path controlled with a rotary encoder up to the ejection unit
- Article change is performed by starting the corresponding inspection program
- Multiple statistic evaluations available



On-site installation:
Simple connection to an existing conveying belt, supply also with own conveying belt and ejection unit

Container shapes, container sizes and glass colours

The MIS has been developed for the automatic optical inspection and sorting of round and moulded articles made of clear glass and coloured glass.

On request you can rent our MIS and test it in your running production.

**The shape or size of your container is not listed?
Simply contact us. We will find a solution. Telephone: +49 (0)3764 7791870**

