



# Metis

## Print inspection for pharmaceutical packaging glass

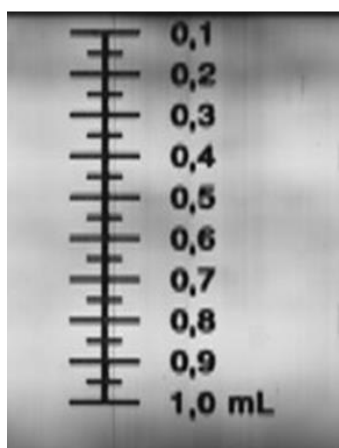
The Vimec Metis inspection system is designed to inspect the print on the tubular glass products. The optical configuration consists of one area scan camera with one lens and one light unit.

### Inspection principle

**Lifter** The products are presented to the camera using a lifting unit taking the product out of the conveyer. The product is correctly aligned into the inspection position. After inspection is performed, the lifter unit places the product back on to the conveyer.

**Inspection** Once the product is lifted in a stable position, the drive wheel rotates the product. During rotation, inspection is being performed. After the inspection is completed, the results of the inspection are processed in the V-center system control. Together with the data of optional other inspection systems, a trigger signal to the reject unit is generated if the product is not within the set specifications.

**Method** The reference image will be taken by the Metis system. This reference image is loaded into the system. The actual print on the product is compared with this reference image. The system indicates the deviation of the actual print compared to the reference image.



Reference image

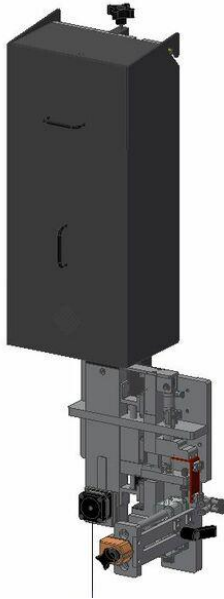


Actual print on product



Detection by Metis system

## System overview



### Key figures



Max. 90 Parts per minute



1 Camera



ISO size syringes/vials/ampoules cartridges



After annealing oven



Production optimization




Vimec V-Center - control and data processing software

## Vimec Applied Vision Technology B.V.

With over 30 years of experience in glass inspection and monitoring solutions, we are dedicated to designing, building, and validating visual inspection systems. Vimec offers a multitude of measurement possibilities to cover all your glass packaging inspection needs.

### Interested?

Contact us for more information!

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