

NIROX S.r.l.

www.nirox.it

Company Data

CONTACTS

ANDREA BANDERA

SALES MANAGER

QUALITY CERTIFICATION

ISO 9001:2015

HEADQUARTERS

Viale Enrico Mattei 8A 25080 - Mazzano (BS) - Italy Phone: +39-030-2304606 E-mail: info@nirox.it

Product Range

OPTICAL INSTRUMENTS
 FOR IN-LINE AND OFF-LINE
 MEASUREMENTS AND
 QUALITY INSPECTION
 OF PHARMACEUTICAL,
 ELECTRONIC, SCIENTIFIC
 AND AUTOMOTIVE GLASS.

NIROX is an Italian company specialized in optical measuring and quality control instruments and systems for industrial productions.

Glass is our main market, and our sensors and systems are mostly used in **Pharmaceutical**, **Electronic**, **Scientific** and **Automotive** Glass.

Our portfolio of solutions is continuously increasing and expanding to other market segments, as we face every day new challenges from our valuable customers.

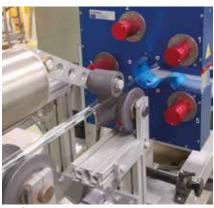
Our products for glass are:

- ODk sensors are optical micrometers which allow measuring outer diameter and ovality. Different measuring ranges are available for different market segments.
- m-Thick measure thickness of glass panels, tubes, and objects in general. In the automotive glass market, they are used to measure



thickness of PVB in the stretching lines.

- multi-Thick analyze complex structures by measuring the thickness of each layer, including coating. They are used in automotive glass to measure inner layers after lamination.
- OTS optical sensor is used in the glass chemical etching process for electronic displays. It measures the thickness of the panel during the process, in the slimming chamber.
- NCSline is a family of systems for dimensional inspection of pharmaceutical glass tubes in production lines. Tube tracking for sorting and cosmetic inspection data integration provide the total control and performance analysis of the production line.
- NCSlab is an automatic offline measuring instrument for glass tubes and preforms which quickly provides tubes measurements for production control or incoming inspections.



NCSline



- VISline is a family of devices designed for the pharmaceutical primary packaging, to be installed on the glass tube converting machines. The main controls are:
 - VISline.B: bottom features
 - VISline.D: dimensional measurements on the forming machine and on the after-forming line
 - VISline.C: cosmetic inspections after the annealing oven
- EVline inspect pharmaceutical glass tubes after the cutting and glazing machine.
 Dimensions and defects are both inspected by state-of-the-art image processing algorithms.



 CMSline systems provide the inline cross-sectional measurements of glass capillaries in the drawing process. All dimensions are obtained with just one sensor with multiple heads expansions.



Viale E. Mattei 8, 25080 Mazzano (BS) - Italy Tel: +39 - 030 - 2304606 - E-mail: sales@nirox.it