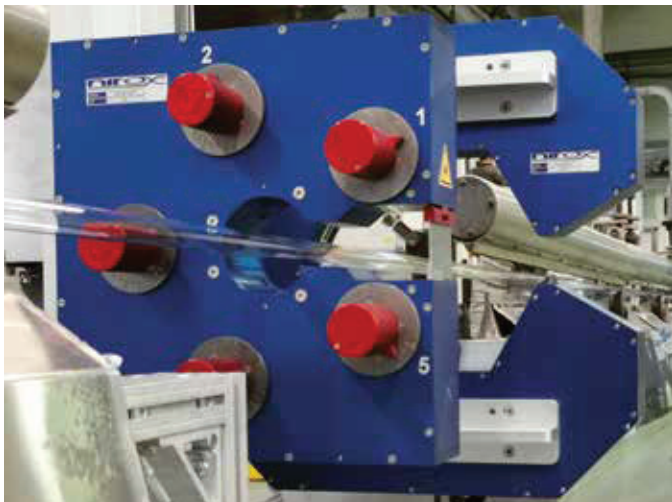


# GLASS TUBES



NIROX provides turn-key systems for glass tubes production to measure with micrometric precision:

- wall thickness
- concentricity
- outer diameter
- ovality
- inner diameter

The inspection of tubes for dimensional defects is fundamental for the transformation into vials, ampoules and syringes.

**Data exchange** with control room and **sorting** of the tubes out of tolerance are fully managed by the **system supervisor software**.



## APPLICATIONS

- glass tubes for vials, ampoules and syringes
- lighting tubes
- transparent and amber glass
- preform tubes
- in- and off-line controls

## ADVANTAGES

- multi-axis measuring
- high accuracy
- measuring of tube sections every few millimetres
- tube sorting
- quick integration into production line
- production reporting
- pharmaceutical validation of the measuring system