



NIROX's NCSlab automatic offline system is a powerful tool that quickly provides tubes measurements for quality control, quality assurance, inline machines qualification and supplier's incoming check.

Additionally, it can be equipped with camera module for cosmetic inspection, like airline, bubbles, stone, knots, and other inclusions.

The system software offers an intuitive management of the system to perform the desired measurement job; data acquired are summarized in comprehensive reports, stored in open format, and made available over the network for historicization. System is natively Industry 4.0 ready.



MEASUREMENTS

- wall-thickness and concentricity
- outer diameter and ovality
- inner diameter and ovality
- eccentricity
- bow/deflection
- conicity
- defects (optional with camera)

ADVANTAGES

- highest measuring accuracy
- quick and safe tube loading
- tube data mapping, both longitudinal and cross-sectional
- fastest validation of the inline machine's test report
- scalability to tube sizes and special requirements