



Application

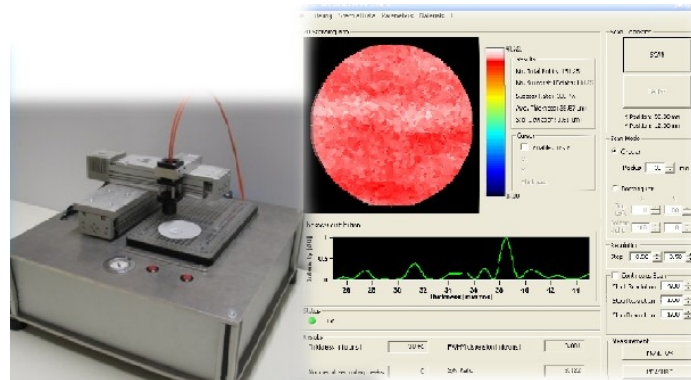
Testing of thickness and roundness of transparent or semi-transparent materials like :

- **bottles**
- **glasses**
- **flat glas**
- **thickness of films**
- **medical plastic tubing and devices**

A ready configured system with multiple optical heads to measure cross-section wall thickness and concentricity in order to improve material saving and quality.

Description

Measuring rate 120 Hz
Accuracy <0,1 micron
Max. Measurable thickness : 100 to 4000 micron
Spot diameter 0,05mm
Working distance 40mm



Distributed optical heads: a single measuring unit with an optical switch can drive several optical heads for distributed measurements.

Supervisor software for real-time data display and management in production lines

Laboratory scanner: delivery of stand-alone unit with motorized x-y positioning system for measurement of thickness profile (1D) or maps (2D)

Custom software: software customization to specific needs

nirx
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