

## ADVANTAGES



**Fully automated TOTAL LENS INSPECTION** with easy connectivity (OMA-DCS and contactless measurements).



**Guarantee quality standards** thanks to ease of use and calibration.



**Minimize time, cost, and risks.** Work efficiently with an automated process that replicates the results of a well-trained and reliable human inspector.



Comprehensive dashboard visually identifies:

- **Theoretical, measured and Error maps** (mapping criteria)
- **Cosmetic irregularities** and reliably localizes defects.

## FOR MORE INFORMATION

Want to be among the first to experience this unique full inspection technology?

**Contact our team**



Automation & Robotics - Belgium  
IOT - Spain



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**Visit our websites**



[www.ar.be](http://www.ar.be)



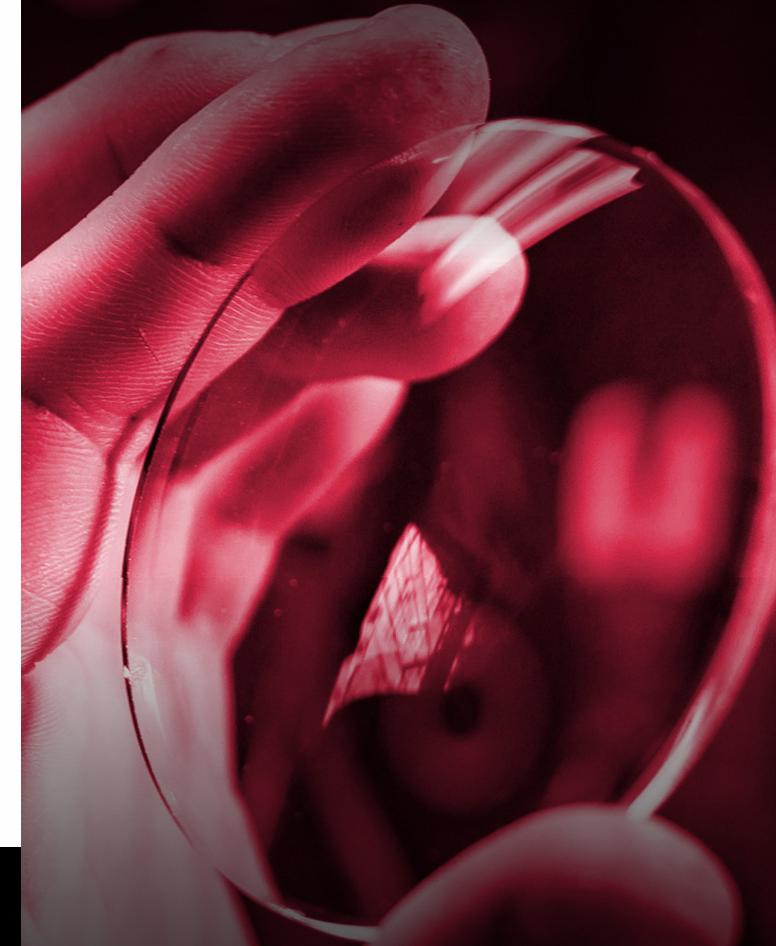
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WE ENSURE PERFECT  
LENS QUALITY



# COSme

WE ENSURE PERFECT LENS QUALITY



A reliable automatic Total Lens Inspection technology that allows you to define your desired quality criteria and implement them in an objective scalable and stable manner.

# COSme

## ABOUT US

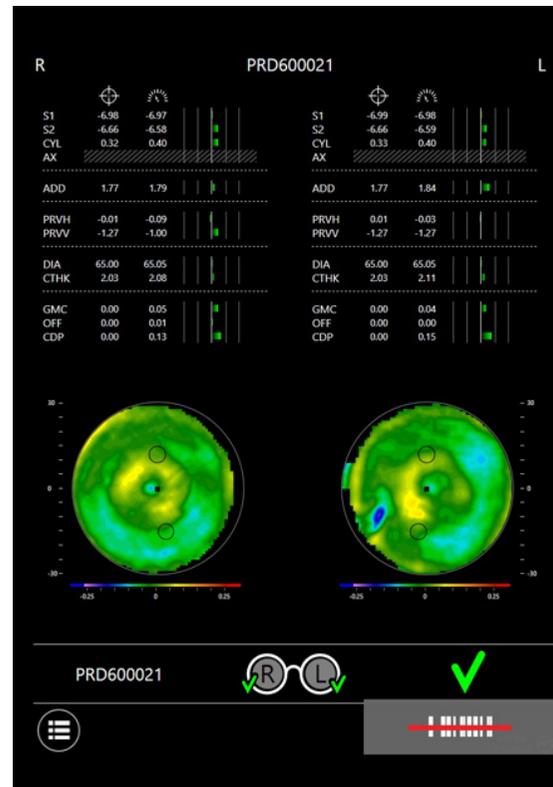
A&R and IOT combine their respective areas of expertise to provide the Rx labs with **a complete quality control of optical as well as cosmetic inspection.**

Thanks to our partnership, we have developed an **innovative patented solution**, that helps our customers manufacture top-quality lenses to ensure maximum customer satisfaction!



# TOTAL LENS INSPECTION

- **Geometrical measurements** (contactless thickness, diameter, shape).
- **Power measurement** (ISO/ANSI standards compliant).
- **Mapping inspection** (Error Map, GMC...).
- **Complete examination of cosmetic characteristics**, including the identification of coating defects along with automatic detection of dust.



# MAIN FEATURES

- **Configurable inspection zones** for different lens types and quality standards. Flexibility in classification criteria and intensity detection.
- **Configurable to achieve results comparable to human inspection**, ranging from 98% to 99%, and can even outperform human inspection.
- Upload of measurement values and surface quality features for **Statistical Process Control** applications, maintenance and troubleshooting.

