



Automation & Robotics

R X L A B S

NEOMAPPER

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- Fully automatic inspection for any lens type
- Optimized footprint
- Pertinent tool for Statistical Process Control (Global Mapping Criteria)
- Cost savings : don't wait until reject !
- Cosmetic Inspection available



Parc Industriel de Lambertmont
B-4800 VERVIERS - Belgium
P. +32 (0)87 322 323



NEOMAPPER



CAPACITY

75 Jobs/hour



MAIN FEATURES

- › Fully automatic lens inspection with DLM+
 - Accurate automatic positioning (high recognition rate)
 - Check of geometrical properties (thickness, diameter, shape)
 - Optical power measurement in the FOA configuration (including power, prism, addition...), compliant with ISO/ANSI Standard
 - Measurement of polarization axis
 - Power Mapping over the entire lens surface (Error Map)
 - Cut-out check
- › Upload of the measured values and surface quality features (e.g. GMC, Global Mapping Criterion), useful for preventive maintenance and troubleshooting of lens manufacturing process.



BENEFITS

- › Fully automatic solution for any organic lens type
- › Contactless measurements
- › Detection of R/L inversion and automatic reloading in the correct position
- › Mapping inspection on the entire lens surface (incl. Error Maps with Go/No Go criteria like Global Mapping Criteria, center dot detection,...)
- › Process under control : valuable data for Statistical Process Control
- › Quick feedback on production combined with SPC App's (positive impact on the lead time, no added value on rejects, ...)
- › Industrial and modern design
- › Small footprint, easy integration on existing conveyor
- › User friendly:
 - easy to use, with minimal training for start-up
 - clear and functional graphic interface
- › Easy maintenance
- › Remote access for assistance
- › Green Impact : low energy consumption
- › Off-line viewer with data analyses (for Error Maps and mapping criteria)

