AR Automation & Robotics

MCVP4

AUTOMAPPER

- Full automatic inspection for any lens type

- High capacity

- Pertinent tool for Statistical Process Control (Global Mapping Criteria)
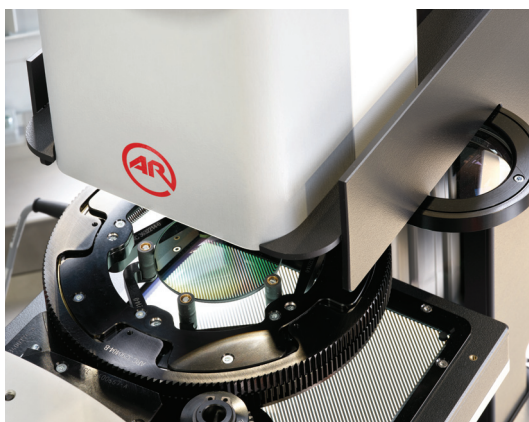
- Cost savings : don't wait until reject !
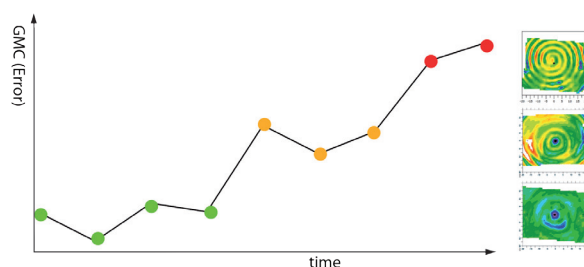
TARGET
ZERO
DEFECTS

AUTOMAPPER

CAPACITY

150 jobs/hour

MAIN FEATURES

› 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 (SPC)

› Quick feedback on production combined with SPC App's (positive impact on the lead time, no added value on rejects, ...)

› Cost savings : don't wait until reject!

› Flexible tolerance tables

› User friendly interface

› Easy maintenance

› Rapid payback

› High capacity

› Remote access for assistance

› Off-line viewer with data analyses
(for Error Maps and mapping criteria)

RX LABS