



Automation & Robotics

# R X L A B S

PROMAPPER

## PROMAPPER



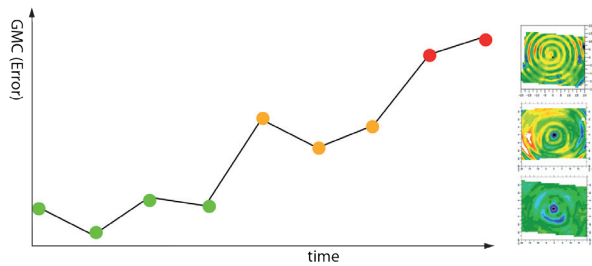
- Table-top inspection device for any lens type
- State-of-the-art optical inspection (ISO/ANSI Standards)
- Mapping inspection (based on the Error Map)
- Pertinent tool for Statistical Process Control (Global Mapping Criteria)
- Totally independent from the operator



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## CAPACITY

50 secs/job



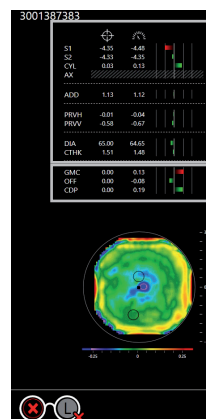
## MAIN FEATURES

- › Automatic lens inspection (manual loading) 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
  - Check of semi-finished lenses in RX labs
  - ‘Measure-only mode’ (measurement map without connection to data server)
  - Cosmetic inspection - available soon
- › 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

- › Automatic inspection solution for any organic lens type with manual loading
- › Total operator independence
- › Contactless measurements
- › Detection of R/L inversion
- › 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, table-top inspection device
- › Easy to install and easy maintenance
- › User friendly:
  - easy to use, with minimal training for start-up
  - clear and functional graphic interface
- › Remote access for assistance
- › Off-line viewer with data analyses (for Error Maps and mapping criteria)



**Accurate lens inspection**

According to ISO/ANSI Standards  
In Focus On Axis configuration

**Mapping inspection, based on the Error Map**