



Automation & Robotics

R X L A B S

MCVP6

EVOMAPPER

- Fully automatic inspection for all RX lens types
- Multifunction machine for middle or final inspection
- Flexible - various possible options : Digital Inking, Dual Spectrometer, Focovision, Laser Engraving
- Cosmetic Inspection compatible



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EVOMAPPER



CAPACITY

120 jobs/hour



MAIN FEATURES

- › Automatic Positioning (PPOS+)
 - Diameter & shape measurement
 - Positioning according to engravings for progressive lenses and SV with engravings
 - Positioning according to the segment position for multifocal lenses
 - Polarization axis measurement
 - Gradual tinting axis measurement
 - Automatic Left/Right inversion detection
- › Contactless thickness measurement
- › DLM+ for freeform check (Error Map) and RX lens inspection (FV, NV & PRP)
- › Possible options :
 - Contactless mobile FOCOVISION : optical power measurement in reference points
 - Digital inking - Wax technology
 - Dual Spectrometer
 - Laser engraving
- › Insights on the inspection system's performance with the KPI dashboard



BENEFITS

- › Fully automatic inspection for all RX lens types including cut lenses
- › Contactless measurements
- › Mapping inspection on the entire lens surface (incl. Error Maps with Go/No Go criteria like Global Mapping Criteria, center dot detection,...)
- › Detection of R/L inversion and automatic reloading in the correct position
- › Process under control : valuable data for Statistical Process Control (SPC) - Cost savings: don't wait until reject!
- › Cosmetic inspection compatible
- › Cut-out check
- › Flexible Digital Inking (Wax technology)
- › Laser engraving
- › VCA-DCS compatible
- › Easy maintenance
- › Remote access for assistance
- › User friendly
- › High capacity
- › Rapid payback