



OptoTech

VISTA

Automated Cosmetic Inspection System for Ophthalmic Lenses

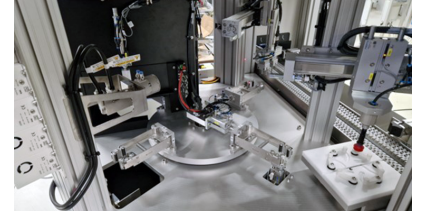


The VISTA is especially designed for detecting and localizing defects on ophthalmic lenses. Detects a comprehensive range of different defect categories. Big Data collection integrated.



Technical Data

| | VISTA |
|---------------------|--|
| Application | Automated Cosmetic Inspection System for Ophthalmic Lenses |
| Lens Diameter | 40 mm - 90 mm |
| Camera Type | 5 megapixel |
| Lens Material | All organic Materials |
| Lens Types | Semi-finished, surfaced and coated lenses |
| Minimal Defect Size | < 25 µm |
| Productivity | 300 lenses/h max. |
| Dimensions | Width: 1340 mm, Height: 2200 mm, Depth: 1800 mm; with handling |
| Weight (approx.) | 600 kg |
| Disclaimer | All data are subject to change without notice. Please verify details with OptoTech. |



Highlights

- Optical system screens the surface for any irregularities and reliably localizes defects that are invisible to the human eye (Minimal defect size < 25µm)
- State of the art calculation algorithms result in minimal evaluation time. Big Data collection integrated.
- Optimised machine design allows simultaneous handling of up to 4 lenses, resulting in maximum productivity
- Differentiation between brightness, scatter and deflection errors
- New design concept combines functionality with a modern look
- Minimal footprint and open system allows easy integration in any existing Lab
- Vision System by AC VISTA GmbH

Performance Characteristics

- Configurable error zones (different number and error size per zone) to adapt to the Lab's individual quality standard
- Detects a comprehensive range of different defect categories: Circular turning structures, polishing defects, stains, scratches and holes, glass breakage and cracks, splitter, edge shading
- It is also optimized to detect coating defects which makes the system suitable for quality control after the coating process (Particles and inclusions under the coating layer, inconsistencies in coating layer)