

FREQUENTLY ASKED QUESTIONS: ARGOS matrix

- 1. Can you inspect coated surfaces?** Yes! ARGOS can inspect for cosmetic defects such as scratches and digs regardless of whether the surface is coated. Standard ARGOS systems do not inspect for coating-specific defects such as coating voids, but custom solutions are possible.
- 2. Can you inspect curved surfaces?** Yes! ARGOS can inspect curved surfaces with angles up to about 30 degrees from the horizontal.
- 3. Can you inspect my optical elements?** Most likely, yes! Please contact our sales team to discuss your specific application. We have experience with a variety of materials and geometries.
- 4. What is the largest size you can inspect?** Our largest standard system can inspect diameters up to 400mm x 400mm. Customized solutions can inspect even larger optics upon request.
- 5. What is the smallest size you can inspect?** Our standard systems can inspect optics with diameters down to a few mm. Customized solutions can inspect smaller optics upon request.
- 6. What are typical measurement times?** Measurement times are dependent on inspection area and surface curvature, with flat optics being significantly faster to inspect. Please see our spec sheet for some time estimates. Systems can also be optimized for speed with custom development in cases where speed is critical.
- 7. Can you inspect according to MIL-PRF 13830B?** No, ARGOS uses size-based defect inspection, whereas MIL-PRF is based on the visibility of defects under specific illumination conditions. Standard inspections are according to ISO 10110-7. If you are able to convert your specifications to size-based metrics, then ARGOS can inspect according to these requirements.
- 8. What are your prices?** Please contact our sales team to discuss your inspection applications, so that we can provide you with an accurate price estimate.
- 9. What are your lead times?** Please contact our sales team to discuss your inspection applications, so that we can provide you with an accurate lead time estimate.

Want to learn more?
Contact our experts or
visit dioptic.de/en

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