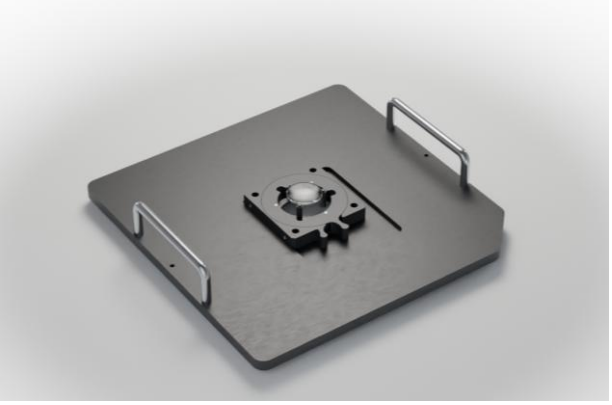
ARGOS Accessories

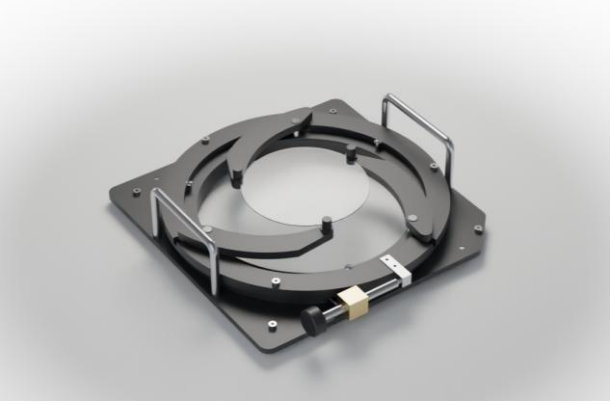
Mounts for single component inspections

Our single component inspection mounts are very versatile, allowing you to quickly set up the system to inspect a wide range of circular optical components. The smaller mount is suitable for optics with diameters up to 45 mm and is supplied with every new ARGOS system including the corresponding adapter assembly. The larger mount is suitable for components with diameters up to 8". All mounts are made of coated aluminum and are equipped with handles and feet for quick positioning in the system.

Type	**Self-centering mount 45 mm**	**Self-centering mount 8"**
Material	Aluminum (anodized) and plastic mounting fingers	
Component		
Surface	Flat, spherical, aspherical, freeform	
Diameter in mm	3.8 – 45.0	25.4 – 203.2
Thickness in mm	0.7 – 29.5	0.7 – 12.5
Maximum weight in kg	0.1	1.85



Self-centering mount 45 mm and adapter assembly for ARGOS nexus 200.



Self-centering mount 8" and adapter assembly for ARGOS nexus 200.

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ARGOS Accessories

Accessories for multipart inspections

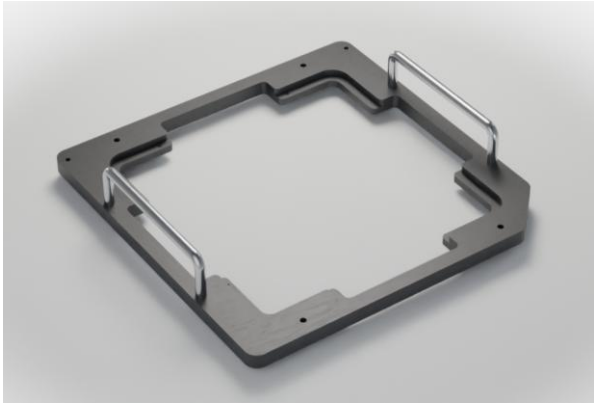
Our multipart accessories consist of two components: a universal adapter for different system sizes and interchangeable fixtures that are specific to the shape of your component. The drop-in fixtures and the flip-drop-in fixtures use the same adapter, so you can switch between them without any modification to the system.

Note: If your components do not meet the following specifications, please contact us for a custom solution.

Adapter

The universal adapter is the interface between the ARGOS systems and the fixtures. It accepts both drop-in fixtures and flip-drop-in fixtures and is available for all system sizes. All adapters are made of coated aluminum and are equipped with magnets, handles and feet for quick positioning in the system.

System size	200	300	400
Maximum number of fixtures per system	1	1	3
Adapter size in mm	275 × 275	395 × 395	199 × 510
Fixture mounting size in mm	219 × 219	339 × 339	180 × 445



Adapter for ARGOS nexus 200/300.

Adapter for ARGOS nexus 400.

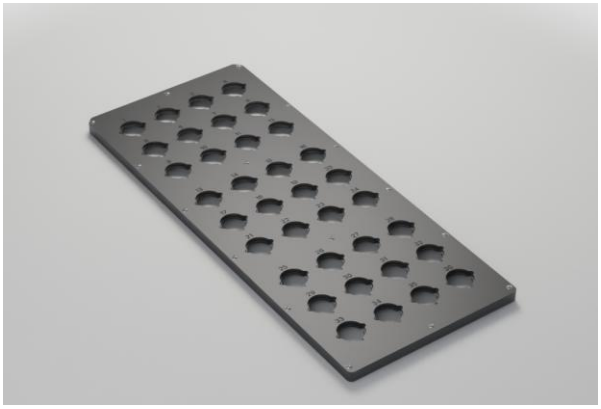
Drop-in fixture

Drop-in fixtures are the standard solution for recurring inspections of the same component type. Each fixture is manufactured to match the shape of your component and drops directly into the adapter.

All drop-in fixtures accept round or rectangular components with a flat support surface. Inspectable surfaces are flat, spherical, aspherical or freeform. Every fixture consists of a coated aluminum base with a POM contact plate.

System size	200	300	400
Maximum component size in mm	205 × 205	320 × 320	160 × 400
Maximum component thickness in mm	45.0	45.0	45.0
Maximum total weight in kg	1.0	1.0	1.5

Example of drop-in fixture for ARGOS nexus 200/300.



Example of drop-in fixture for ARGOS nexus 400.

Flip-drop-in fixture

Flip-drop-in fixtures allow the entire fixture to be turned over to inspect the back surface of the optics without handling the individual components. This makes the inspection more efficient and reduces the risk of introducing additional defects during handling. All flip-drop-in fixtures accept round or rectangular components with a flat support surface. Inspectable surfaces are flat, spherical, aspherical or freeform. Every flip-drop-in fixture consists of two drop-in-fixtures that are loosely pinned together with dowel pins for turning.

System size	200	300	400
Maximum component size in mm	205 × 205	320 × 320	160 × 400
Maximum component thickness in mm	15.0	15.0	15.0
Maximum total weight in kg	1.0	1.0	1.5

Example of flip-drop-in fixture for ARGOS nexus 200/300. Adapter not included.