

PRESS RELEASE

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High-precision, customized aspheres from SwissOptic AG for top image quality as well as weight and volume savings – specialist lecture to be given at Optatec 2016

SwissOptic AG – a Berliner Glas Group company – develops and produces customized aspherical lenses and freeform surfaces in small batches.

Aspheres are used in many optical systems as they enable precise light guidance, reduce losses and correct aberration, thereby replacing complicated multi-lens correction systems. The use of aspheres further enables compact designs with an exceptional performance and lower overall weight, which is particularly important for mobile, handheld devices.

SwissOptic AG develops and produces high-precision concave or convex aspheres with diameters ranging from 12 to 300 mm from many different materials: optical glass, quartz glass, Zerodur®, crystalline materials and metals.

One of our specialties is the development and production of lightweight structured aspherical mirrors. Lightweight structuring allows to reduce the weight of larger mirrors by up to 90%, which is a key advantage for many systems especially airborne.



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SwissOptic AG offers the entire process chain from system development and optical design over the production and coating up to the qualification of the entire optical systems including quality assurance in-house. This enables us to fulfill orders and customer requirements fast and flexible.

Our focus lies on top quality small batches, whereby precision, flexibility and short delivery times are of crucial importance.

At this year's "Optatec", which will be held from the 7th to the 9th June in Frankfurt/Main, Germany, SwissOptic will be giving a specialist lecture at the Optatec forum covering "High-precision aspheres and freeform surfaces for optical applications". This will be held on Wednesday 8th June, from 09:40 until 10:20 hours in hall 3, booth # G70.

Attendance at this lecture is free-of-charge for visitors to the exhibition.

Naturally, SwissOptic will also have a stand at Optatec. The Berliner Glas Group will be presenting a wide range of its products and solutions in hall 3, booth # D12.

About the Berliner Glas Group:

The BERLINER GLAS GROUP (www.berlinerglasgroup.com) is one of the world's leading providers of optical key components, assemblies and systems as well as high-quality refined technical glass. With more than 1,100 employees, BERLINER GLAS GROUP develops, produces and integrates optics, mechanics and electronics into innovative system solutions for its customers. As OEM partners from concept to volume production, the BERLINER GLAS GROUP companies serve innovative customers in various market segments – laser and space technology, semiconductor industry, medical technology, metrology and the display industry.

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