

PRESS RELEASE

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Berliner Glas offers OEM electronics design development and manufacturing for medical applications

(Berlin, Germany) The Medical Applications Business Unit of the Berliner Glas Group now offers custom OEM development of electronics. This broadens its expertise as a supplier of optical components, opto-mechanics, and optical system solutions to serve the market with customized opto-electronic systems.

"With the addition of OEM electronics development and manufacturing we are able to provide complete OEM system designs for our customers and to produce them in volume," says Sven Knuth, Head of the Medical Applications Business Unit at Berliner Glas.

Design capabilities include OEM electro-optic systems that can be autoclaved while maintaining precision alignment. Also available are OEM 3D imaging and measurement systems for 3D imaging of teeth, minimally invasive surgery and ophthalmology applications.

This technological advance enables the development, regulation and control of LED light sources, drive and cooling elements with the associated sensors, as well as camera systems with their own electronics. Applications such as communication via USB, displays or membrane keyboards can also be produced. The range of applications in medical technology for these competencies is enormous. Electronics features can be used to control LED fluorescent light sources, producing non-fluctuating, regulated light. The color temperature of the LEDs and the quality of the light can be controlled. Customized OEM LED lighting systems are now in the process of being released to production.

About Berliner Glas:

The Berliner Glas Group (www.berlinerglas.com) is one of the leading European providers of optical key components, assemblies and systems as well as high-quality refined technical glass. With more than 1,000 employees, Berliner Glas develops, produces and integrates optics, mechanics and electronics into innovative system solutions for its customers. Its products are used worldwide in the semiconductor industry, medical technology, metrology, laser and space technology, analytics, defense and the display industry.