OPHTHALMOLOGY

start the process

WILD HAS BEEN A PARTNER OF LEADING DEVICE MANUFACTURERS FOR COMPREHENSIVE OPHTHALMOLOGICAL DIAGNOSTICS FOR 20 YEARS.

In addition to the assembly of complete devices including end and safety tests, the systems partner also offers co-value and process engineering and after-sales services.

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What kind of expertise can WILD contribute in ophthalmology?
WILD has been a strategic partner for leading manufacturers of diagnostic systems in ophthalmology for decades. Heidelberg Engineering, for instance, the technological leader in diagnostic imaging, has been a customer of the WILD Group since 1999. That is no coincidence. We can live up to even the most ambitious innovation requirements and can reliably deliver top quality in production and services.

What is the scope of work and services covered by WILD in ophthalmology?
In manufacturing, where WILD is in charge of several models of the SPECTRALIS ® OCT series, the services included range from the assembly of all components from the base and the XYZ adjustment to the stand with the chin support and the camera with attachable lens. As a systems partner, we also carry out commissioning, as well as end and safety tests. In addition, the service package includes after-sale services, i.e. repairs and the supply of spare parts.

What are the biggest challenges in your production?
Traditionally, ophthalmology requires very tight tolerance ranges. This would not have been achievable without the corresponding know-how and years of experience in precision mechanics, surface engineering and complex adjustment, as well as GMP-compliant assembly processes. Moreover, it is necessary to ensure that the bespoke supply chain processes for each individual customer are running smoothly in the background.

What is WILD's contribution in the area of development?
A constant flow of new knowledge is being generated in ophthalmology. As a result, the corresponding devices are becoming increasingly sophisticated and powerful. WILD is capable of integrating these improvements parallel to production and is able to quickly bring them to the maturity of a serial status. We have expanded the standard change process to take modifications into account from the very beginning, also from a manufacturing perspective. This helps us accelerate the transition to serial production. WILD also offers prototyping and usability as part of its co-engineering services.

How does WILD guarantee continuous high quality in all these areas?
In order to be able to manufacture high-tech products in reproducible quality, one needs a mechanism of stable production processes. The cornerstone for this is a profound risk analysis, on the basis of which WILD compiles work and test instructions and test reports. In addition, certified and seamlessly traceable change management is required. Especially in medical technology, such processes ensure the corresponding regulatory safety during audits and inspections, on which many customers depend. WILD has been registered as an FDA-compliant contract manufacturer since 2010 and thus makes an important contribution to allowing ophthalmology devices to be marketed in the US.

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