

» Application Story «

Rackmount system in Medical



Cataract and Refractive Surgery Solutions in Ophthalmology

Kontron's products are utilized within the TECHNOLAS® Laser Suite, an innovative all laser cataract and refractive platform which combines the TECHNOLAS Femtosecond Workstation 520F and the TECHNOLAS Excimer Workstation 217P. This laser suite offers the widest range of advanced cataract and refractive procedures including a new femtosecond laser procedure for performing the key steps in cataract surgery. Known as CUSTOMLENS™, this software

module has been developed to enable a change in paradigm in cataract surgery. With CUSTOMLENS™, cataract surgery can now be gently performed with computer precision, replacing the previous manual approach. Further procedures available on the TECHNOLAS 520F include LASIK flaps, therapeutic indications and a minimally invasive, intrastromal treatment for presbyopia, INTRACOR®.

A state-of-the-art excimer-based treatment for presbyopia can now also be conducted on the TECHNOLAS 217P. Treatments for myopia, hyperopia, astigmatism and presbyopia are all

performed on the 217P using the latest real-time Advanced Control Eyetracker (ACE™) and iris recognition technology.



Image1: Innovative all laser cataract and refractive Image 2: KISS 1U Short KTGM45 platform including a new femtosecond laser procedure



Image2: KISS 1U Short KTGM45

About Kontron

Kontron is a global leader in embedded computing technology. With more than 40% of its employees in research and development, Kontron creates many of the standards that drive the world's embedded computing platforms. Kontron's product longevity, local engineering and support, and value-added services, helps create a sustainable and viable embedded solution for OEMs and system integrators.

Kontron works closely with its customers on their embedded application-ready platforms and custom solutions, enabling them to focus on their core competencies. The result is an accelerated time-to-market, reduced total-cost-of-ownership and an improved overall application with leading-edge, highly-reliable embedded technology.

Kontron is listed on the German TecDAX stock exchanges under the symbol "KBC". For more information, please visit: www.kontron.com

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