

Rittal – Case Study



New vision by means of laser technology



Today eye corrections are nothing special anymore. However there is always room for improvement concerning the reachable probability of

eyesight improvement and a better precision of cuts during operations. 20/10 PERFECT VISION® a world-leader in wavefront technology therefore developed the FEMTEC femto-second pulsed laser. In contrast to conventional laser systems for corneal and refractive surgery, this laser uses infrared light with spot sizes as small as few microns and a laser pulse duration that is several orders of magnitude shorter than that of an Excimer laser. The FEMTEC system efficiently allows the performance of extremely

precise surgery within the cornea with a high degree of surgical flexibility. Just like the operating doctor, the high-precision technology needs to work reliably. Rittal met the high expectations and convinced with a 482.6 mm (19") subrack whose standard modular design ensures that components can be exchanged quickly on site in case of emergency. In addition, the EMC version protects against electromagnetic interference and the sensitive electronics from damage.

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