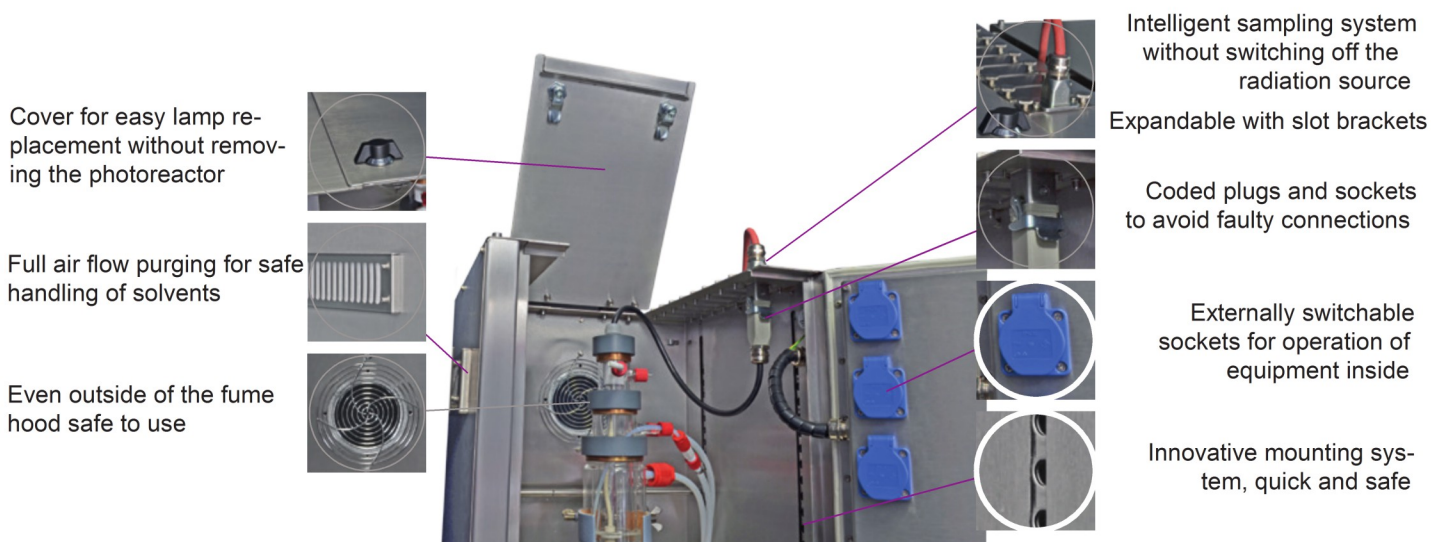
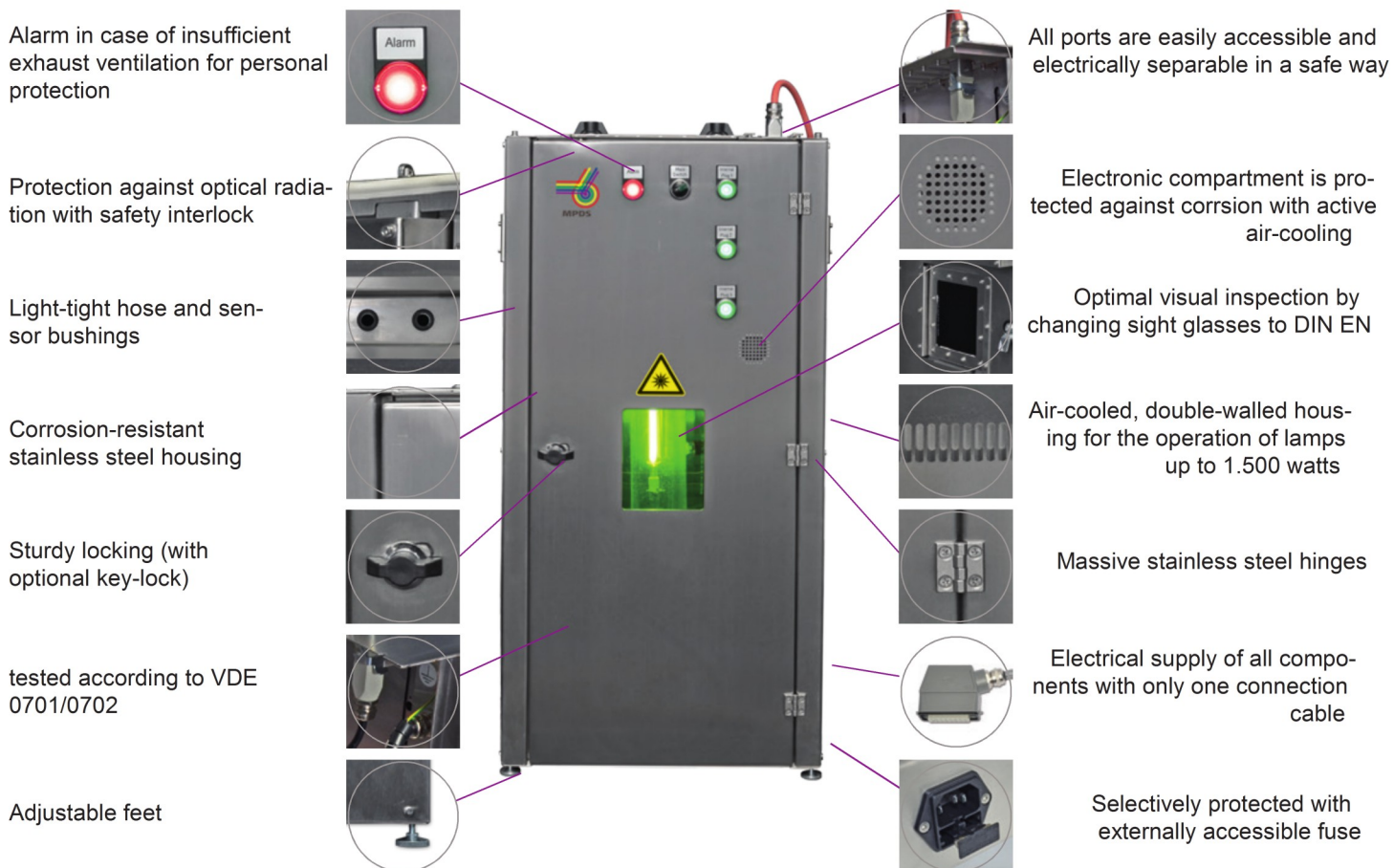


The photon CABINET- heart of the MPDS toolbox



UV radiation is harmful to eyes and skin and can cause irreparable and does not meet the requirements to protect employees by the personal injury. Furthermore materials in the ambient exposed to the UV radiation, will undergo an accelerated aging and can be destroyed. Medium pressure radiation sources have a surface temperature of up to 850° C and operate with lethal high voltage. Solvents may not present an explosion hazard for the user. The operation of photoreactors without optical protective device equipped with safety lock (aluminum foil, acrylic glass) is not allowed since the related normative standard was becoming mandatory (01.10.2013). In addition the risk analysis in accordance with EN ISO 12100 confirms, that an operation without safety cabinet is no longer sufficient

owner / operator of the lab, who can be fully accountable and responsible for personal injury.

Therefore photoreactors of the MPDS modular system always come along initially with the light-proof protective cabinet, which moreover provide the electrical power to the electronic power supplies for operating the radiation sources. Photochemical experiments are therefore absolutely safe. The unique photon CABINET is practicable, easy to use and inexpensive to purchase.