The photon CABINET heart of the MPDS toolbox

Alarm in case of insufficient exhaust ventilation for personal protection

Protection against optical radiation with safety interlock

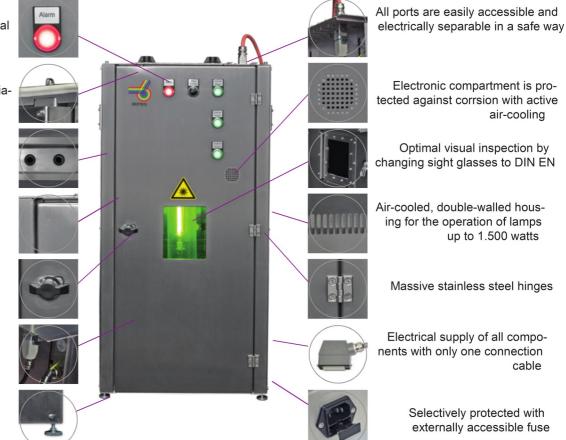
Light-tight hose and sensor bushings

Corrosion-resistant stainless steel housing

Sturdy locking (with optional key-lock)

tested according to VDE 0701/0702

Adjustable feet



Cover for easy lamp replacement without removing the photoreactor

Full air flow purging for safe handling of solvents

Even outside of the fume hood safe to use



Intelligent sampling system without switching off the radiation source

cable

Expandable with slot brackets

Coded plugs and sockets to avoid faulty connections

> Externally switchable sockets for operation of equipment inside

Innovative mounting system, quick and safe

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 owner / operator of the lab, who can be fully accountable and rethe UV radiation, will undergo an accelerated aging and can be de-sponsible for personal injury.

stroyed. Medium pressure radiation sources have a surface temper-

ature of up to 850° C and operate with lethal high voltage. SolventsTherefore photoreactors of the MPDS modular system always may not present a explosion hazard for the user. The operation come along initially with the light-proof protective cabinet, which of photoreactors without optical protective device equipped with moreover provide the electrical power to the electronic power safety lock (aluminum foil, acrylic glass) is not allowed since the re-supplies for operating the radiation sources. Photochemical experlated normative standard was becoming mandatory (01.10.2013). iments are therefore absolutely safe. The uniquenoton CABINET In addition the risk analysis in accordance with EN ISO 12100 con-is practicable, easy to use and inexpensive to purchase. firm, that an operation without safety cabinet is no longer sufficient