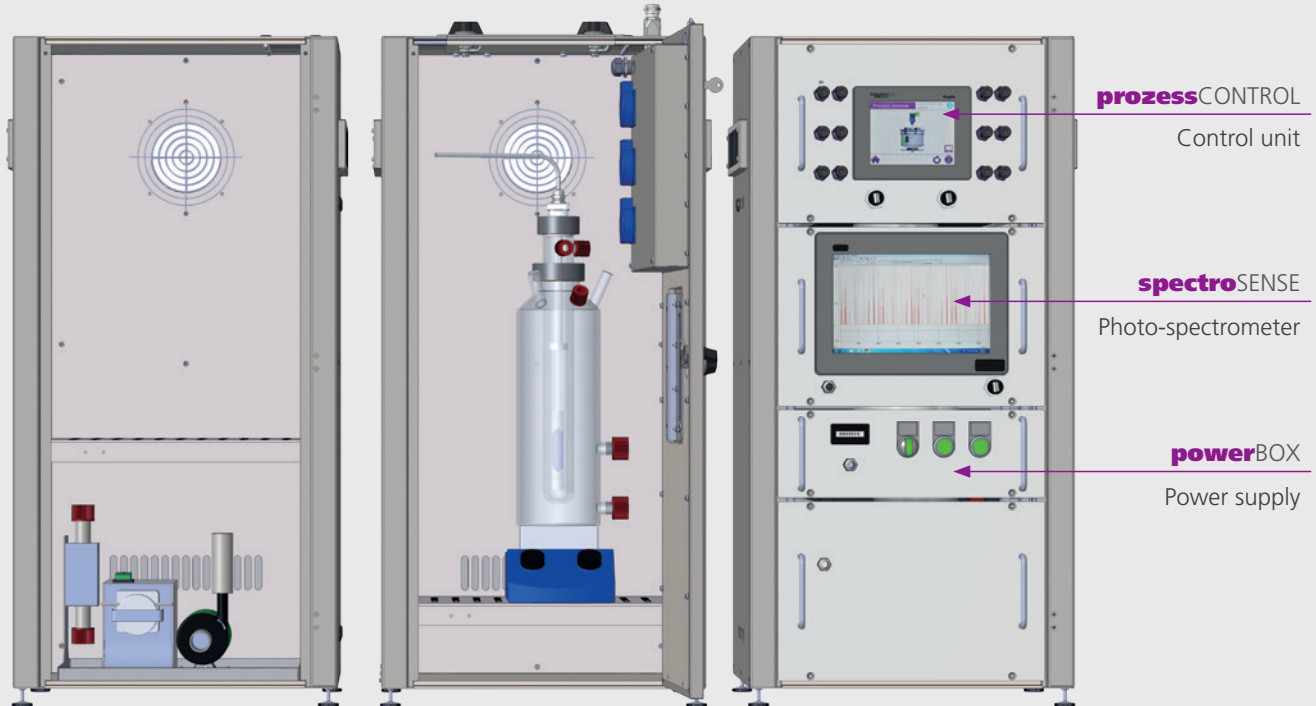




infraCABINET

photonCABINET

controlCABINET



Example configuration

MPDSEVO Batch-L Photoreactor 400-700 ml

The world's bestselling batch photoreactor is particularly suitable for carrying out simple basic photochemical research with a product volume of approx. 400-700 ml and is mentioned in many publications. Its simple design makes this photoreactor a universal, flexible standard photoreactor for liquids in which the absorption of the reaction medium is not particularly high and the specific demands on the photoreactor cannot be more closely defined in advance.

The optical path of >2 cm makes it possible to mix the reaction medium with a conventional magnetic stir bar. The corresponding magnetic stir bar creates the condition for a complete and proper mixing of the reaction medium. This allows reactions with a high transmission to be irradiated unproblematically in the course of a process development phase.

Optionally the photoreactor can be heated or cooled down by means of a temperature control cladding. The sensor port per-

mits the irradiation physics of the system to be measured by the appropriate spectrometer.

The reaction times can be set at any frequency, which ensures a high product turnover close to equilibrium.

