

Photostability Test Chambers

Climate chambers with ICH-compliant lighting for reproducible light and climate conditions



Photostability tests examine the influence of moisture and light exposure. The ICH guideline Q1B defines the light spectra and the light doses to be achieved. BINDER photostability test chambers generate the required light conditions and ensure uniform distribution of temperature and humidity.

► Advantages

- Two light sources to simulate daylight:
 - VIS LED light source
 - UVA fluorescent tubes
- Light dose control optional
- Homogeneous climate distribution thanks to APT.line air flow
- Reliable long-term operation thanks to stainless steel components
- Flexibly positionable insertable grids with high load capacity

► Applications



Photostability tests
in the pharmaceutical industry



Stability tests
in the cosmetics industry



Colour stability tests
in the food industry

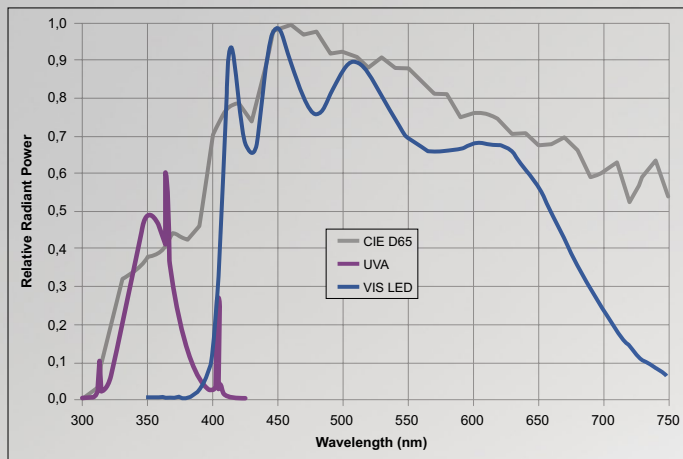
- ICH photostability test can be performed in two days
- Exact compliance with the light spectra defined in ICH Q1B
- Light dose control with automatic switch-off
- Modular system consisting of a base unit plus ICH light module

ICH licht module

Flexibly configurable for your application

The BINDER ICH light module transforms constant climate chambers from the KBF, KBF PRO, or KB PRO series into photostability test chambers. For photostability tests, the test material is irradiated successively with UVA light and VIS light. The light dose control automatically switches off the respective light source as soon as the specified light dose is reached.

► Light spectra according to ICH Q1B



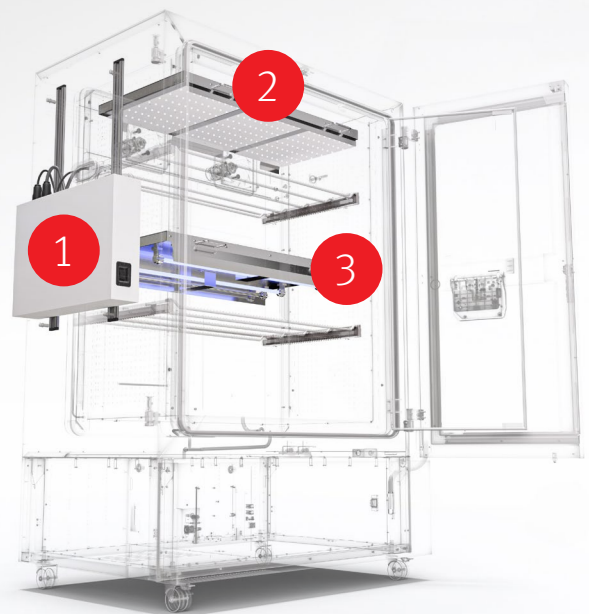
- CIE D65 spectrum (daylight grey)
- VIS light cassette: White light spectrum LED SunLike cool white 6,500 K
- UVA light cassette: UVA spectrum Narva PUVA

► Compatible with three device sizes



► Equipment with ICH Q1B Option 2

- 1 Control unit of the ICH light module
- 2 Licht cassette for the white light range (VIS)
- 3 Licht cassette for the UVA range



BINDER
Best conditions for your success

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