



ICH Q1B COMPLIANT PHOTOSTABILITY CHAMBERS KKS ICH SERIES

Controller type:

7" SMART PRO full colour touch screen

Temperature protection: **Door type:**

class 3.3 to DIN 12880

external solid, internal glass



CHAMBERS FOR PHOTOSTABILITY TESTING

Proven quality – new possibilities

POL-EKO climate chambers have provided Users with excellent quality, efficient heating-cooling-humidifying systems, and innovative, user-friendly SMART PRO controllers that allow precise management of parameters. Now, Researchers can benefit from advanced lighting solutions, expanding the application of these chambers to include photostability testing. Each chamber is designed to fully meet the requirements of the ICH Q1B procedure, enabling tests to be carried out in the shortest possible time while maintaining the highest quality standards. In addition, Users can take advantage of LabDesk CFR software (compliant with CFR 21 Part 11), ensuring secure management of research and data.

BENEFITS:

- Full photostability test in compliance with **ICH Q1B** in max. **29 hours*** – saving time and energy
- Large usable shelf area** with uniform lighting for consistent sample conditions
- Complete test control with SMART PRO controller and **LabDesk CFR** software

* The indicated time applies to flat samples.
For objects of other shapes, tests will take less time.

WHAT'S NEW?

- The most precise and efficient lighting system for ICH Q1B
- Two specially designed lighting systems: with UVA light and VIS light
- Optimally matched optical systems for each shelf
- Use of premium-class lighting components (Osram, Philips)
- Excellent VIS light quality, close to natural conditions (CRI > 90, 6500K)
- Very high lighting uniformity on the shelves
- Max efficiency of lighting systems, enabling the fastest possible photostability testing in compliance with ICH Q1B
- Interior of chamber in stainless steel, powder-coated white



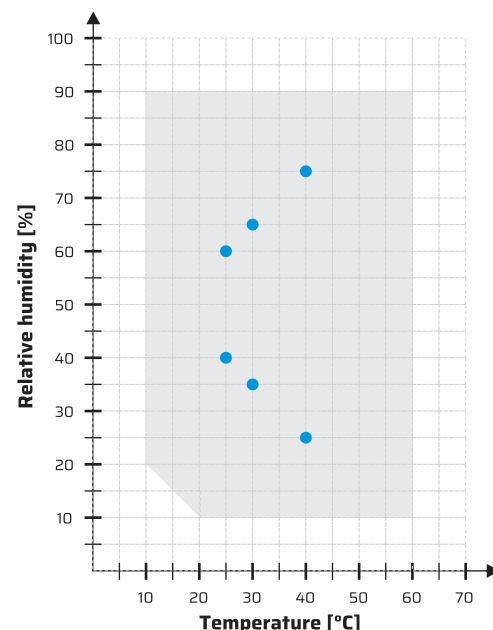


SPECIFICATIONS FOR KKS ICH CHAMBERS

Climate chamber for photostability testing

	KKS ICH 240	KKS ICH 750
Internal width [mm]	600	1040
Internal height [mm]	790	1200
Internal depth [mm]	500	600
Working capacity [l]	215	702
Temperature range [°C]	10 ... 50	
Humidity range [% RH]	10 ... 90	
VIS-Illuminance [klx]	59	
UVA-Irradiance [W/m²]	24	
ICH Q1B test duration VIS/UV (hours)	20,5 + 8,5 = 29*	
Power supply	230V 50/60Hz	

* the time given is for flat specimens, for objects with other shapes the tests will take less time



● climate testing points according to ICH Q1 A (R2) guidelines

LABDESK CFR – CFR 21 PART 11 COMPLIANT SOFTWARE

Modern solution for laboratory data management

LabDesk CFR is an application designed to facilitate the import and export of data recorded on devices with SMART PRO controllers. It enables users to generate reports and graphs, supporting safe, traceable and auditable laboratory operations. LabDesk CFR is designed for use in environments where compliance with electronic documentation and electronic signature procedures is required. It ensures full compliance with **CFR 21 Part 11**.

CFR 21 Part 11 Compliance:



Electronic signatures & User identification

each User has a unique account with role-based permissions



Secure access & password control

data protection through strong password policies and multi-level authorization



Audit trail

automatic logging of all changes, accesses, and User actions



Data integrity

ensures that all stored data remains unaltered, in line with FDA requirements



LabDesk CFR licence

one licence enables the operation of up to 100 POL-EKO thermostatic units with the SMART PRO controller within one laboratory

Flexible access with Web Server

Despite standard licensing (1 license = 1 computer), Users are **not restricted to a single device**. They can log in via a web browser **as long as they are connected to the same secure internal network**, making collaboration easier and enabling safe access within the laboratory environment.



**LabDesk
CFR**

LabDesk CFR – security, compliance, and effortless laboratory workflow

