



POL-EKO®

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POL-EKO A. Polok-Kowalska sp.k.  
44-300 Wodzisław Śląski  
ul. Kokoszycka 172 C

## Data sheet

print date: 2025-11-07

## Photostability chamber KKS ICH 240 Smart PRO



The photo above is for reference only, may show additional options not included in standard equipment. The real appearance, particularly color and structure of the material may differ from the ones presented in the photo.

### KKS ICH SERIES chambers for photostability testing - compliance with ICH Q1B

- Full photostability test in compliance with ICH Q1B in max. 29 hours (the indicated time applies to flat samples, for objects of other shapes, tests will take less time) – 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 most precise and efficient lighting system for ICH Q1B
- Two specially designed lighting systems: with UVA light and VIS light
- Use of premium-class lighting components (Osram, Philips)
- Excellent VIS light quality, close to natural conditions (CRI > 90, 6500K)
- 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





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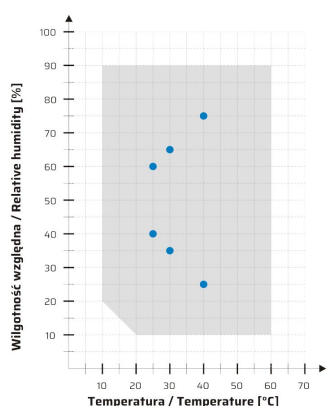
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## TECHNICAL DATA

air convection	forced
chamber capacity [l]	315
working capacity [l]	215
controller	microprocessor PID
display	7" full colour touch screen

## TEMPERATURE AND HUMIDITY

temperature range [°C]	+10...+50
temperature resolution every ... [°C]	0,1
temperature variation at 25°C and 60%rH [±/°C]*	1
temperature protection	class 3.3 to DIN 12880
relative humidity range [%]	10...90 (see chart for details)
humidity resolution every ... [%]	0,1
humidity variation at 25°C and 60% rH [%rH]	2



• punkty testów klimatycznych zgodnie z wytycznymi ICH Q1 A (R2)  
climate testing points according to ICH Q1 A (R2) guidelines

## LIGHT

VIS-Illuminance [klx]	59
UVA-Irradiance [W/m²]	24
ICH Q1B test duration (VIS/UVA) [h]	20,5 + 8,5 = 29
VIS light module	LED light, 6500K, CRI > 90
UVA light module	UVA fluorescent lamps

## CHAMBER

door type	double (external solid, internal glass) / external glass (option)
interior	
Smart PRO	acid-proof stainless steel to DIN 1.4301
IG Smart PRO	acid-proof stainless steel to DIN 1.4301
housing	
Smart PRO	powder coated sheet
IG Smart PRO	stainless steel linen finish



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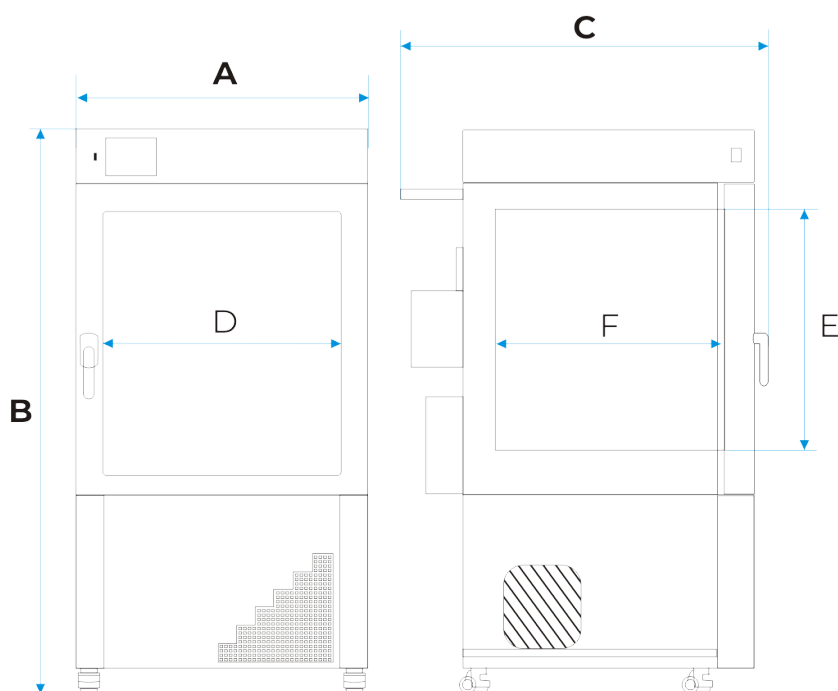
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overall dims [mm] / 1/

width A	830
height B	1590
depth C	910

internal dims [mm]

width D	600
height E	790
depth F	500



shelves (standard   max)	2   2
max shelf workload [kg] /2/	25
- reinforced shelf version (PW) [kg] /3/	100
max unit workload [kg]	90
weight [kg]	170

ELECTRICAL PARAMETERS

voltage	230V 50/60Hz
nominal power [W]	2200
refrigerant	R290 / GWP=3
warranty	24 months
manufacturer	POL-EKO®

all the above technical data refer to standard units (without optional accessories)

\* - variation (K) calculated for chamber as:  $K = \pm (T \text{ average max.} - T \text{ average min.}) / 2$

\*\* - other power supplies on request

1 - depth doesn't include 50 mm of power cable

2 - on uniformly loaded surface

3 - reinforced shelf

## OPTIONS AND ACCESSORIES



Order number: 05-1200-1204-0300001

LabDesk CFR - CFR 21 part 11 complaint software



Order number: 05-1200-1204-0300004

LabDesk CFR - unit access



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