



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 750 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



Bank: ING B&P o/Wodzisław Śląski | **Nr rachunku:** 90 1050 1403 1000 0022 0879 5498 | **Nr rej. w BDO:** 000005609
NIP: 647-216-26-87 | **REGON:** 276111984 | Sąd Rejonowy w Gliwicach, X Wydział Gospodarczy | **KRS:** 0001009595

Smart PRO - preview screen



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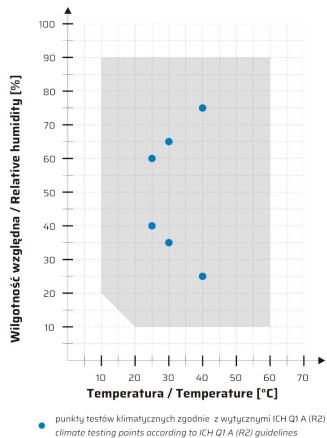
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TECHNICAL DATA

air convection	forced
chamber capacity [l]	923
working capacity [l]	702
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/m ²]	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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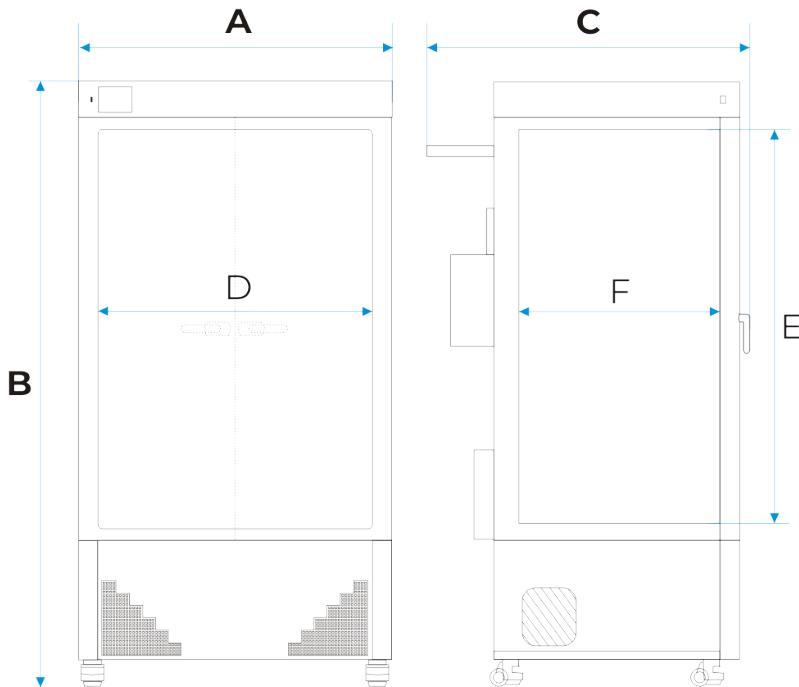
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overall dims [mm] /1/

width A	1270
height B	1990
depth C	1010

internal dims [mm]

width D	1040
height E	1200
depth F	600



shelves (standard | max)

2 | 2

- reinforced shelf version (PW) [kg] /3/

100

max unit workload [kg]

140

weight [kg]

275

ELECTRICAL PARAMETERS

voltage	230V 50/60Hz
nominal power [W]	3100
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: $K = (+/- (T_{\text{average max.}} - T_{\text{average min.}})) / 2$

** - 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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