

Drying ovens

Application

- thermal resistance analysis of building materials, electronic and electro-technical components
- tests of properties of products subjected to high temperatures
- drying of wires of papermaking machines
- drying of laboratory glass
- general aging
- preheating
- digestion of proteins
- plant tissues drying
- drug metabolism
- paper drying



Drying ovens are designed to provide high temperatures up to 300°C.

Calibration



All thermostatic equipment manufactured by POL-EKO-APARATURA can be provided with Calibration Certificate issued by accredited Measurement Laboratory. Detailed information on accreditation is available on website: www.pol-eko.eu.

		SL 15	SL 32	SL 53	SL 75	SL 115	SL 180	SL 240	SL 400	SL 750	SL 1000	
Parameter												
air convection		natural (SLN) / forced (SLW)						forced (SLW)				
chamber capacity ¹ [l]		15	32	56	76	112	180	245	424	749	1005	
door type		solid			solid/door with viewing window (option)							
temperature range		+5°C above ambient temperature ...+300°C										
temperature resolution [°C]		every 0,1										
controller		microprocessor with external LCD graphic display										
interior		acid-proof stainless steel to DIN 1.4301										
housing	-	powder coated sheet										
	INOX/G	stainless steel linen finish										
overall dims ² [mm]	A width	510	590	590	590	650	650	810	1010	1260	1260	
	B height	550	630	700	850	850	1030	1200	1430	1600	2000	
	C depth	470	520	620	620	710	820	770	780	870	880	
internal dims [mm]	D width	320	400	400	400	460	470	600	800	1040	1040	
	E height	230	320	390	530	540	720	800	1040	1200	1610	
	F depth	200	250	360	360	450	560	510	510	600	600	
max shelf workload ⁵ [kg]	-	10	10	25	25	25	25	25	25	-	-	
	PW ³ version	-	-	50	50	50	50	100	100	100	100	
max unit workload [kg]	-	20	30	40	40	60	75	90	120	140	-	
	W ⁴ version	-	-	80	80	120	120	300	300	300	300	
nominal power [W]		700	1200	1700	1700	2500	2800	3100	4000	5500	5500	
weight ⁶ [kg]		27	35	50	60	65	94	126	174	260	330	
over temperature protection		class 2.0 according to DIN 12880 / class 3.1 (option) / 3.1 in TOP+										
power supply*		230 V 50 Hz							400 3/N			
shelves fitted/max		1/2	1/3	2/5	2/5	2/7	3/9	3/10	3/14	5/16	6/22	
warranty		24 months										
manufacturer		POL-EKO-APARATURA										

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

* also available: 230V 60Hz, 115V 60Hz, 3P 230V 60Hz (according to model)

- 1 - working capacity of chamber can be smaller
- 2 - depth doesn't include 50 mm of power cable
- 3 - reinforced shelf
- 4 - reinforced version
- 5 - on uniformly loaded surface
- 6 - for units with solid door without optional equipment

Options and accessories (icon description see pages 78-79)

