

Laboratory Incubators

Application

- incubation of samples for microbiological determinations
- analysis of thermal resistance of samples subjected to higher temperatures
- antibodies tests
- bacteria tests
- crystallization observations
- cultivation of thermophilic microorganisms
- pharma stability tests
- food industry denaturalizing tests

Laboratory incubators are ideal for incubation of samples at temperatures above ambient up to +100°C.

+5°C...above ambient temp... +100°C



Calibration

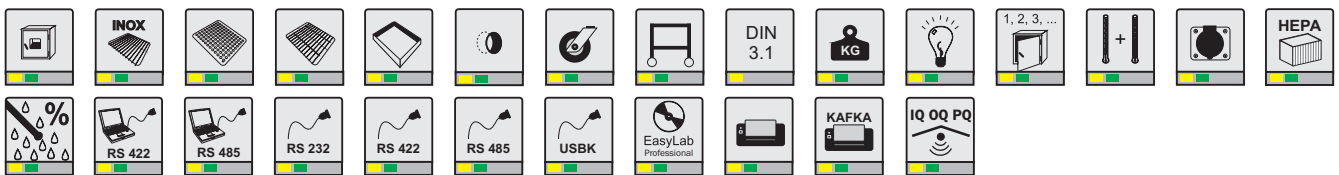


All thermostatic equipment manufactured by POL-EKO-APARATURA can be provided with Calibration Certificate issued by accredited Measurement Laboratory. Detailed information on accreditation of POL-EKO Laboratorium Pomiarowe is available on website: www.polekolab.pl.

Model		CL 15	CL 32	CL 53	CL 115	CL 240	CL 400	CL 750	CL 1000
Parametr									
	air convection	natural (CLN) / forced (CLW)					forced (CLW)		
chamber capacity ¹ [l]		15	32	56	112	245	424	749	1005
door type		solid		solid/door with viewing window (option)					
temperature range		+5 °C above ambient temperature ...+100 °C							
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]	width	515	595	595	655	815	1015	1260	1260
	height	550	630	700	845	1130	1375	1590	2000
	depth	440	495	600	700	760	760	865	865
internal dims [mm]	width	320	400	395	460	600	800	1040	1040
	height	240	320	395	540	800	1040	1200	1610
	depth	180	240	360	450	510	510	600	600
max shelf workload [kg]	-	10	10	10	10	10	10	-	-
	PW ³ version	-	-	50	50	100	100	100	100
max unit workload [kg]	-	20	30	40	60	90	120	140	-
	W ⁴ version	-	-	80	120	300	300	300	300
nominal power [W]		300	300	400	400	800	1200	1800	1800
weight [kg]		27	35	50	65	126	174	260	330
temperature resolution [°C]		every 0,1							
temperature fluctuation ⁵ at +37 °C [°C]	CLN	±0,1	±0,1	±0,1	±0,1	±0,1	-	-	-
	CLW	±0,1	±0,1	±0,1	±0,1	±0,1	±0,2	±0,2	±0,2
temperature variation ⁶ at +37 °C [°C]	CLN	±0,3	±0,3	±0,6	±0,9	±1,0	-	-	-
	CLW	±0,2	±0,2	±0,3	±0,3	±0,5	±0,5	±0,5	±0,6
over temperature protection		class 2.0 according to DIN 12880 / class 3.1 (option) / 3.1 in TOP+							
voltage*		230V 50Hz							
shelves fitted		1	1	2	2	3	3	5	6
warranty		24 months							
manufacturer		POLEKO-APARATURA							

- * - 230V 60Hz, 115V 60Hz also available
- 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 - fluctuation measured in centre of the chamber
- 6 - in space

Options and accesories (icon description see page 55)



■ STD ■ TOP+