

# 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 perfect for incubation of samples at temperatures above ambient up to +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 is available on website: [www.pol-eko.eu](http://www.pol-eko.eu).

		CL 15	CL 32	CL 53	CL 115	CL 180	CL 240	CL 400	CL 750	CL 1000
Parameter										
air convection		natural (CLN) / forced (CLW)						forced (CLW)		
chamber capacity <sup>1</sup> [l]		15	32	56	112	180	245	424	749	1005
door type		double			double/door with viewing window (option)					
temperature range		+5°C above ambient temperature ...+100°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 <sup>2</sup> [mm]	A width	510	590	590	650	650	810	1010	1260	1260
	B height	550	630	700	850	1030	1200	1430	1600	2000
	C depth	470	520	620	710	820	770	780	870	880
internal dims [mm]	D width	320	400	400	460	470	600	800	1040	1040
	E height	230	320	390	540	720	800	1040	1200	1610
	F depth	200	250	360	450	560	510	510	600	600
max shelf workload <sup>5</sup> [kg]	-	10	10	25	25	25	25	25	-	-
	PW <sup>3</sup> version	-	-	50	50	50	100	100	100	100
max unit workload [kg]	-	20	30	40	60	75	90	120	140	-
	W <sup>4</sup> version	-	-	80	120	120	300	300	300	300
nominal power [W]		350	350	450	450	650	850	1300	1900	1900
weight <sup>6</sup> [kg]		27	35	50	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								
shelves fitted/max		1/2	1/3	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

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 double door without optional equipment

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

