

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 of POL-EKO Laboratorium Pomiarowe is available on website: www.polekolab.pl.

| | | 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 ¹ [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 ² [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 | 440 | 500 | 600 | 700 | 760 | 760 | 750 | 850 | 850 |
| 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 ⁵ [kg] | - | 10 | 10 | 25 | 25 | 25 | 25 | 25 | - | - |
| | PW ³ version | - | - | 50 | 50 | 50 | 100 | 100 | 100 | 100 |
| max unit workload [kg] | - | 20 | 30 | 40 | 60 | 75 | 90 | 120 | 140 | - |
| | W ⁴ version | - | - | 80 | 120 | 120 | 300 | 300 | 300 | 300 |
| nominal power [W] | | 300 | 300 | 400 | 400 | 850 | 800 | 1200 | 1800 | 1800 |
| weight [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)

- * - 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 - on uniformly loaded surface

All data on temperature stability and uniformity available on www.pol-eko.eu.

Options and accessories (icon description see pages 80-81)

