



ADVANTAGES OF PELTIER-COOLED INCUBATORS



Environmentally friendly

Elimination of compressor and refrigerants ensures environmental protection.



Lighter and smaller

The Peltier-element system has reduced the size and weight of the unit.



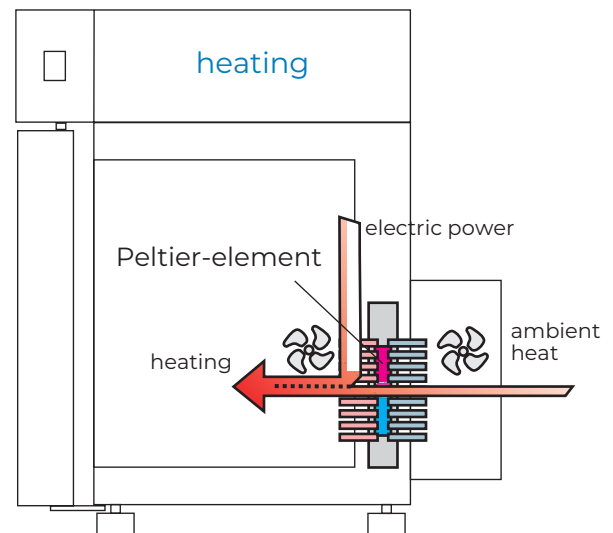
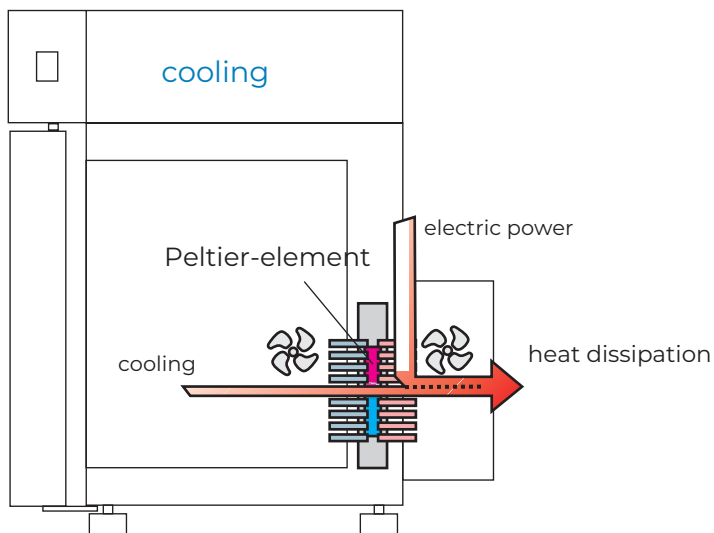
Vibration-free

With the introduction of the Peltier-element system, vibrations previously generated by the compressor have been eliminated.



Perfect performance

The cooling system based on the Peltier-element features excellent temperature stability and uniformity. It also improves the temperature recovery time (e.g. after door opening).



STANDARD FEATURES

- temperature range 0...+70°C
- English instruction manual
- temperature protection class 2.0 (Smart) and 3.3. (Smart PRO) to DIN 1288
- open door alarm
- castors in standard for ILP 750 model
- LAN and USB ports
- access port (Ø30 mm) on the left wall
- door lock
- stainless steel wire shelves (INOX)
- double door (external solid, internal glass)

EXTRA FOR SMART PRO





- Wi-Fi
- LAN cable
- LabDesk

AVAILABLE VERSIONS

- Smart
- Smart PRO

SOFTWARE

- LabDesk for data download to a PC via LAN or Wi-Fi (optional for Smart version)

		ILP 53	ILP 115	ILP 240	ILP 750	
Parameter						
air convection		forced				
chamber capacity [l]		56	112	245	749	
door type		double ¹ / door with viewing window (option)				
temperature range [°C]		0...+70 (max 20°C below ambient temperature)				
temperature resolution [°C]		every 0,1				
controller		microprocessor PID, 4,3" (Smart) / 7" (Smart PRO) full colour touch screen				
interior		acid-proof stainless steel to DIN 1.4301				
housing		powder coated sheet				
		IG stainless steel linen finish				
overall dims ² [mm]		A width	590	650	820	1260
		B height	710	850	1140	1580
		C depth	690	780	840	1040
internal dims [mm]		D width	400	460	600	1040
		E height	390	540	800	1200
		F depth	360	450	510	600
max shelf workload ³ [kg]		25	25	25	-	
max reinforced shelf workload (PW) ³ [kg]		-	-	-	100	
max unit workload [kg]		50	50	90	140	
nominal power [W]		500	600	800	1400	
weight [kg]		69	90	140	240	
temperature fluctuation* at +37°C [± °C]		0,1	0,1	0,1	0,1	
temperature variation* at +37°C [± °C]		0,2	0,2	0,3	0,3	
temperature protection		class 2.0 to DIN 12880 / class 3.3 (option) / 3.3 in Smart PRO				
power supply**		230V 50-60Hz				
shelves fitted/max		2/5	2/7	3/10	5/16	
warranty		24 months				
manufacturer		POL-EKO-APARATURA				

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

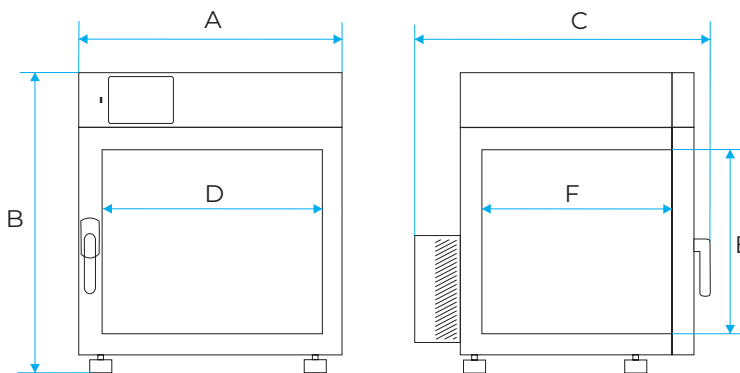
* - fluctuation measured in centre of chamber; in space, variation (K) calculated for chamber as: $K = \pm (T_{avg\ max} - T_{avg\ min}) / 2$

** - other power supplies on request

1- internal glass door, external solid

2- depth does not include 50 mm of power cable

3- on uniformly loaded surface



Options and accessories (icon description see pages 76-82)

