

## 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.



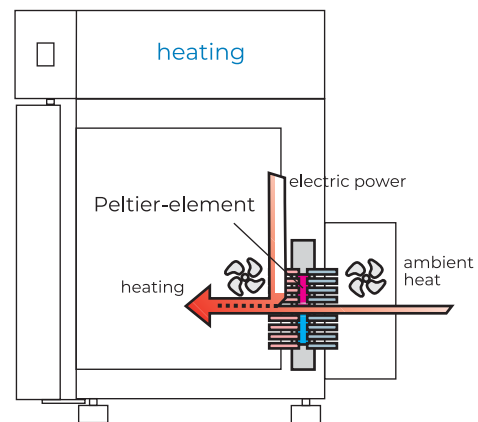
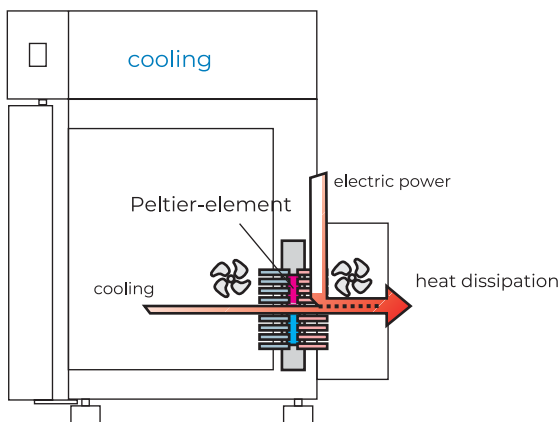
### Perfect performance

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



### Energy saving

When operating the unit at temperatures close to the ambient temperature, the electricity cost are reduced on average by 40 %



## 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
- internal LED light
- 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 <sup>1</sup> / 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			
		IC stainless steel linen finish			
overall dims <sup>2</sup> [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 <sup>3</sup> [kg]		25	25	25	-
max reinforced shelf workload (PW) <sup>3</sup> [kg]		-	-	-	100
max unit workload [kg]		50	50	90	140
nominal power [W]		500	650	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			

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

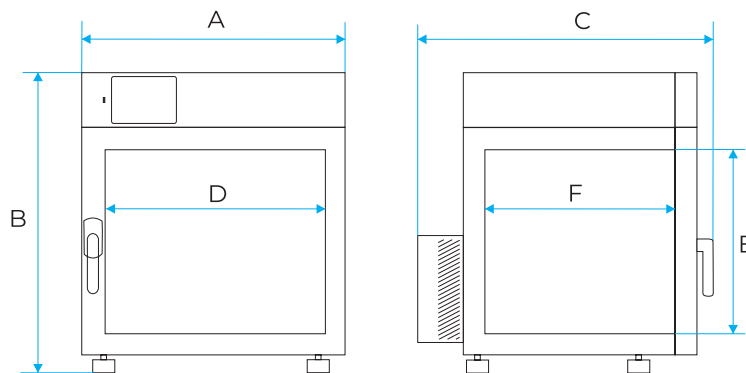
\* - fluctuation measured in centre of chamber; in space, variation (K) calculated for chamber as:  $K = \pm (T_{avg\ max} - T_{avg\ min}) / 2$

\*\* - 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 80-86)

