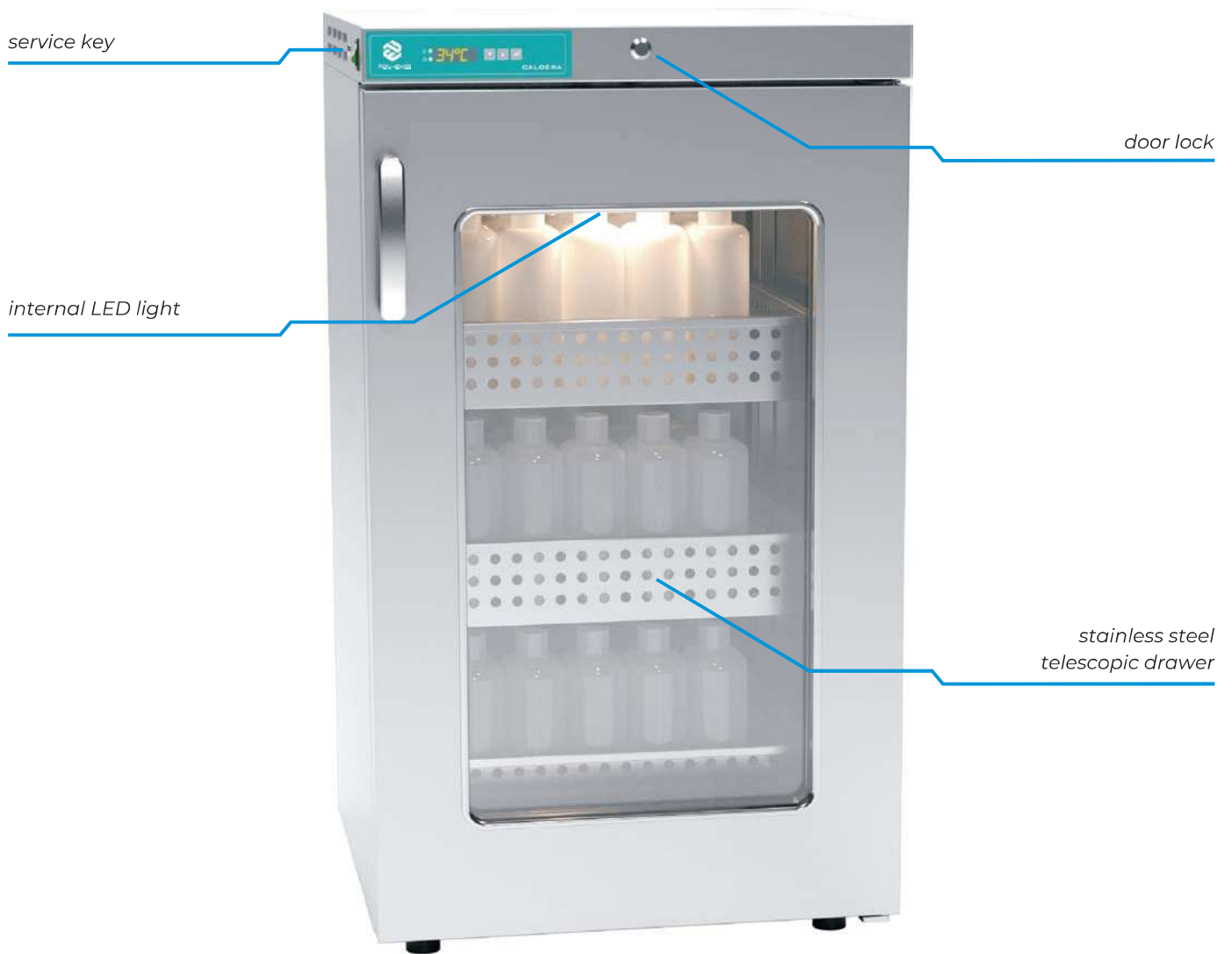


Caldera is a warming chamber for fluids and blankets



CALDERA 250 INOX



All thermostatic equipment manufactured by POL-EKO can be provided with Calibration Certificate issued by accredited Measurement Laboratory. Detailed information on accreditation is available on website: www.pol-eko.eu.

We are already present in over 90 countries of the whole world, but still work hard to grow and expand our business. Our goal is to offer the products and solutions to customers from any corner of the globe and make the brand even stronger. To achieve this, we must guarantee professional support and highest level of customer service on site, in the mother tongue. This is the reason why we cooperate closely with local distributors all over the world. They can reach the end users on our behalf and provide them with assistance, advice and care.



FUNCTIONALITY

- capacities: 70, 150, 200, 250, 300l – dimensions and load examples are specified in the table with technical data
- fast heating-up of the load due to forced air convection
- polished stainless steel housing, stainless steel interior
- bright, energy saving LED internal lighting and tempered glass of the door assure an excellent visibility of the interior
- stainless steel telescopic drawers to prevent the load falling or stainless steel wire shelves in TERM version
- optional stainless steel table

SAFETY






- safe temperature range: +35°C ... +42°C or +35°C ... +70°C in TERM version, temperature regulation every 1°C
- visual and audible alarm in case set temperature is exceeded for 2°C
- independent temperature protection over 45°C (over temperature protection); 3.1 class according to DIN 12880
- open door alarm (the alarm goes off in case the door is opened for over 1 minute)
- LED display visible from 4 m distance
- door lock – load protection against unauthorized use
- service settings protection against unauthorized use
- internal memory for data storage

CALDERA was designed according to PN-EN 60601-1-2:2002 EMC – Medical norm for electrical equipment (it does not interrupt the work of the other medical instruments).



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CALDERA 70 CALDERA 150 CALDERA 200 CALDERA 250 CALDERA 300

Parametr						
air convection		forced				
chamber capacity ¹ [l]		70	150	200	250	300
door type		door with viewing window				
temperature range [°C]		+35...+42 (+35...+70 in TERM version)				
temperature resolution [°C]		every 1,0				
controller		microprocessor PID, 4,3" full colour touch screen				
interior		acid-proof stainless steel to DIN 1.4301				
housing		polished stainless steel				
overall dims ² [mm]	A width	550	600	600	600	600
	B height	640	840	1040	1240	1440
	C depth	530	630	630	630	630
internal dims [mm]	D width	450	490	490	490	490
	E height	410	650	850	1050	1250
	F depth	380	480	480	480	480
examples of fluid bags configurations bottle x bottle capacity ¹ (per drawer)		20 x 1 or 30 x 0,5 or 4 x 3				
alarm		visual and sound after exceeding the set temperature by 2°C				
lighting		energy-saving LED chamber lighting				
maximum number of drawers (without shelves)		1	2	2	3	4
maximum drawer load [kg]		20	20	20	20	20
max unit workload [kg]		20	40	40	60	80
nominal power [W]		250	250	250	250	250
weight [kg]		32	54	59	69	75
temperature fluctuation* at +37°C [± °C]		0,3	0,3	0,3	0,3	0,3
temperature variation* at +37°C [± °C]		0,5	0,5	0,5	0,5	0,5
time required to achieve 37°C of the load, at set 37°C (40% load)		4,5 ... 6 h				
time required to achieve 37°C of the load, at set 37°C (70% load)		10 ... 15 h				
over temperature protection		temperature protection over 45°C (class 3.1 to DIN 12880)				
power supply**		230V 50-60Hz				
number of shelves in TERM version		1	2	2	3	4
warranty		24 months				
manufacturer		POL-EKO				

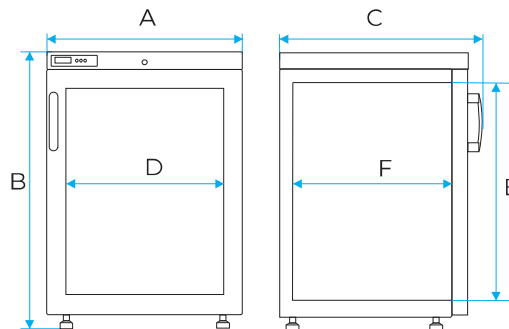
all the above technical data refer to standard units (without optional accessories)

* - 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 - working capacity of chamber can be smaller

2 - depth doesn't include 50 mm of power cable



Options and accessories (icon description see pages 80-86)

