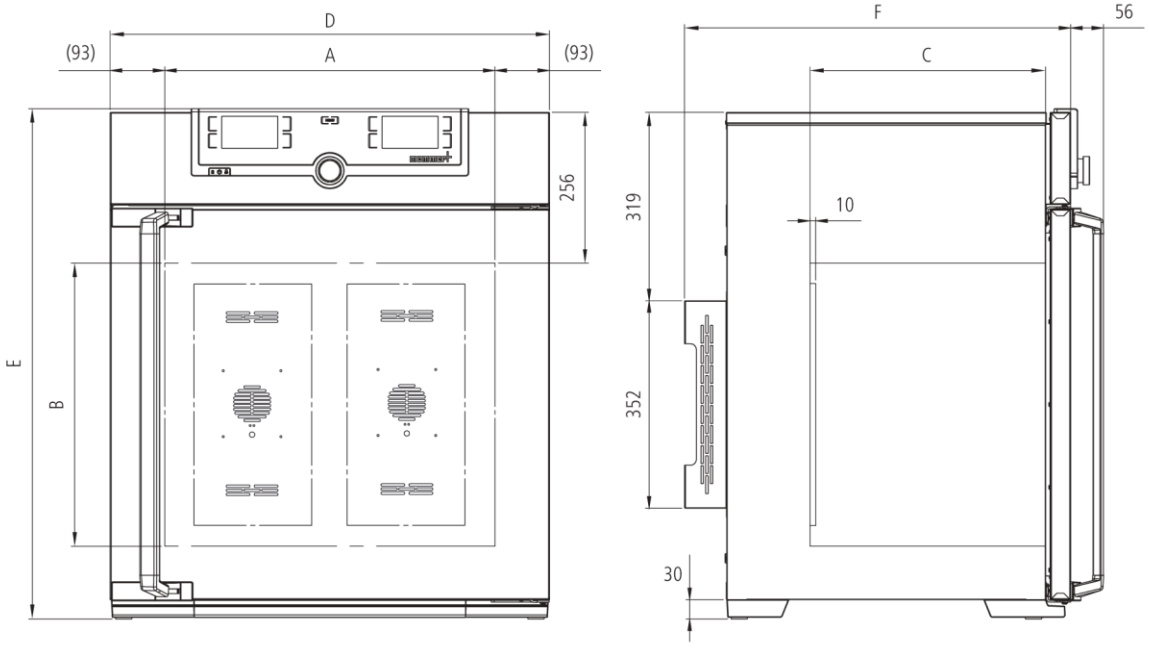
Peltier-cooled incubator

IPP750plus

Microbiology, zoology, food, cosmetics or pharma industry: the energy-saving cooled incubator with Peltier elements heats up and cools down seamlessly in one system.

With the help of our model selection, with dimensioned model sketches and extensive technical data for download, you will find your perfect Peltier-cooled incubator. For large volumes in conjunction with rapid temperature changes, the Memmert compressor-cooled incubator is recommended. Flexibility and technical features of our appliances meet all possible needs. Put us to the test!



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Control of standard components

ControlCOCKPIT	adaptive multifunctional digital PID-microprocessor controller with 2 high-definition TFT-color displays
Temperature	2 Pt100 sensors Class A in 4-wire-circuit, mutually monitoring and taking over the performance at the same temperature value
Timer	Digital backwards counter with target time setting, adjustable from 1 minute to 99 days

Temperature

resolution of display for set point and actual temperature values	0.1°C
	from 0°C to +70°C

Control technology

Function HeatBALANCE	adapting the distribution of the heating performance of the upper and lower heating circuit from -50 % to +50 %
adjustable parameters	temperature (Celsius or Fahrenheit), program time, time zones, daylight savings time
Function SetpointWAIT	the process time does not start until the set temperature is reached
Language setting	German/English/Spanish/French
Calibration	three freely selectable temperature values

Ventilation

forced ventilation by Peltier fan	

Communication

Programming	AtmoCONTROL software on a USB stick for programming, managing and transferring programs via Ethernet interface or USB port
Documentation	program stored in case of power failure

Safety

Alarm	audible and visual
Temperature control	over- and undertemperature monitor TWW, protection class 3.3 or adjustable temperature limiter TWB, protection class 2, selectable on display
AutoSAFETY	additionally integrated over- and undertemperature protection "ASF", automatically following the set point value at a preset tolerance range, alarm in case of over- or undertemperature, heating function is switched off in case of overtemperature, cooling function in case of undertemperature
Autodiagnostic system	for fault analysis

Heating concept

Heating and cooling performance distribution by individual control of the Peltier elements in the upper and lower row
energy-saving Peltier heating-/cooling system integrated in the rear (heat pump principle)

Standard equipment

Door	fully insulated stainless steel doors with 2-point locking (compression door lock)
Door	inner glass doors
Installation	on lockable castors
Internals	2 stainless steel grids
Scope of delivery	incl. works calibration certificate for +10°C and +37°C
Housing	rear zinc-plated steel

Stainless steel interior

	$w_{(A)}$ x $h_{(B)}$ x $d_{(C)}$: 40.9″ x 47.2″ x 23.6″
	Volume 749 l
	Max. loading of chamber: 441 lbs

Textured stainless steel casing

	$w_{(D)}$ x $h_{(E)}$ x $d_{(F)}$: 48.2″ x 68″ x 34″

Electrical data

	115 V (+/- 10%), 50/60 Hz / approx. 10.4 amps
	230 V (+/- 10%), 50/60 Hz / approx. 5.2 amps

Packing/shipping data

the appliances must be transported upright	
Customs tariff number	8419 8998
Country of origin	Federal Republic of Germany
WEEE-Reg.-No.	DE 66812464
	Dimensions approx. incl. carton B x H x T: 52.4” x 75.2” x 41.3”
	Net weight approx. 508 lbs
	Gross weight carton approx. 664 lbs

Standard units are safety-approved and bear the test marks