

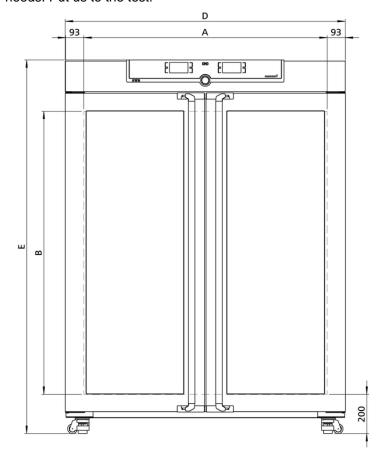
Peltier-cooled incubator

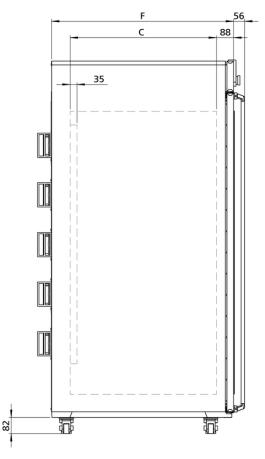
IPP1400ecoplus

Sets eco standards for cultivation below room temperature: unmatched energy efficiency, best values for heat-up, cool-down and recovery times.



With the help of our model selection, dimensional model sketches and extensive technical data for download, you will find your perfect Peltier-cooled incubator. Flexibility and technical features of our appliances meet all possible needs. Put us to the test!





Temperature	
Setting temperature range	0 to +70 °C
Working temperature range	without light: from 0 (at least 20 below ambient temperature) to +70°C
Setting accuracy temperature	0.1 °C
Temperature sensor	2 Pt100 sensors DIN Class A in 4-wire-circuit for mutual monitoring, taking over functions in case of an error
Control technology	
ControlCOCKPIT	TwinDISPLAY. Adaptive multifunctional digital PID-microprocessor controller with 2 high-definition TFT-colour displays.
Language setting	German, English, Spanish, French, Polish, Czech, Hungarian
Timer	Digital backwards counter with target time setting, adjustable from 1 minute to 99 days
Function SetpointWAIT	the process time does not start until the set temperature is reached
Calibration	three freely selectable temperature values
adjustable parameters	temperature (Celsius or Fahrenheit), programme time, time zones, summertime/wintertime
Ventilation Convection Communication	forced ventilation by Peltier fan
Documentation	programme stored in case of power failure
Programming	AtmoCONTROL software on a USB stick for programming, managing and transferring programmes via Ethernet interface or USB port
Safety	
Temperature control	adjustable electronic overtemperature monitor and mechanical temperature limiter
Temperature control Autodiagnostic system	adjustable electronic overtemperature monitor and mechanical temperature limiter for fault analysis
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Autodiagnostic system	· · · · · · · · · · · · · · · · · · ·
Autodiagnostic system Heating concept	for fault analysis
Autodiagnostic system Heating concept Peltier	for fault analysis
Autodiagnostic system Heating concept Peltier Standard equipment	for fault analysis energy-saving Peltier heating-/cooling system integrated in the rear (heat pump principle)

Stainless steel interior

Dimensions	w _(A) x h _(B) x d _(C) : 1250 x 1450 x 750 mm (d less 32 mm for fan - Peltier)
Volume	1360
Max. number of internals	28
Max. loading of chamber	250 kg
Max. loading per internal	30 kg

Textured stainless steel casing

Dimensions	w _(D) x h _(E) x d _(F) : 1435 x 1913 x 905 mm (d +56mm door handle & +111mm Peltier element)
Installation	on lockable castors, adjustable in height
Housing	rear zinc-plated steel

Electrical data

Voltage	230 V, 50/60 Hz
Electrical load	approx. 1300 W
Voltage	115 V, 50/60 Hz
Electrical load	approx. 1300 W

Ambient conditions

Set Up	The distance between the wall and the rear of the appliance must be at least 15 cm. The clearance from the ceiling must not be less than 20 cm and the side clearance from walls or nearby appliances must not be less than 5 cm.
Ambient temperature	16 °C to 40 °C
Humidity rh	max. 70 %, non-condensing
Altitude of installation	max. 2,000 m above sea level
Overvoltage category	II
Pollution degree	2

Packing/shipping data

Transport information	The appliances must be transported upright
Customs tariff number	8419 8998
Country of origin	Federal Republic of Germany
WEEE-RegNo.	DE 66812464
Dimensions approx incl. carton	w x h x d: 1560 x 2200 x 1190 mm
Net weight	approx. 345 kg
Gross weight carton	approx. 523 kg

Standard units are safety-approved and bear the test marks

