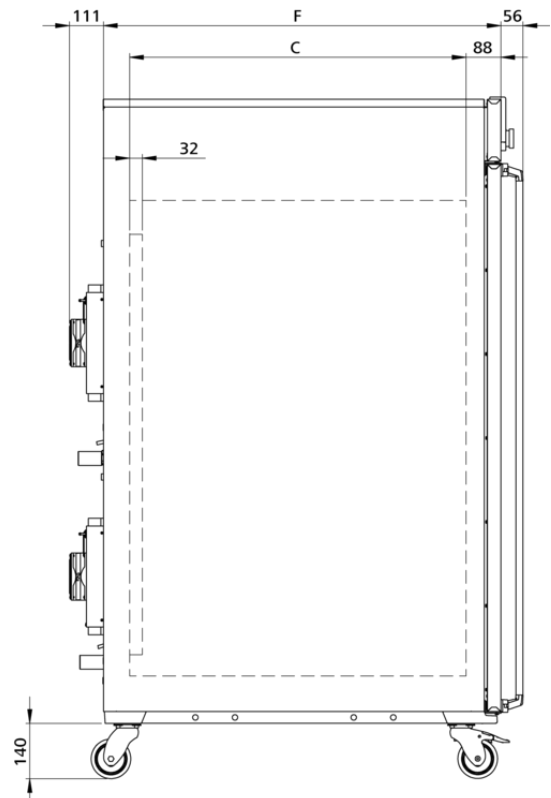
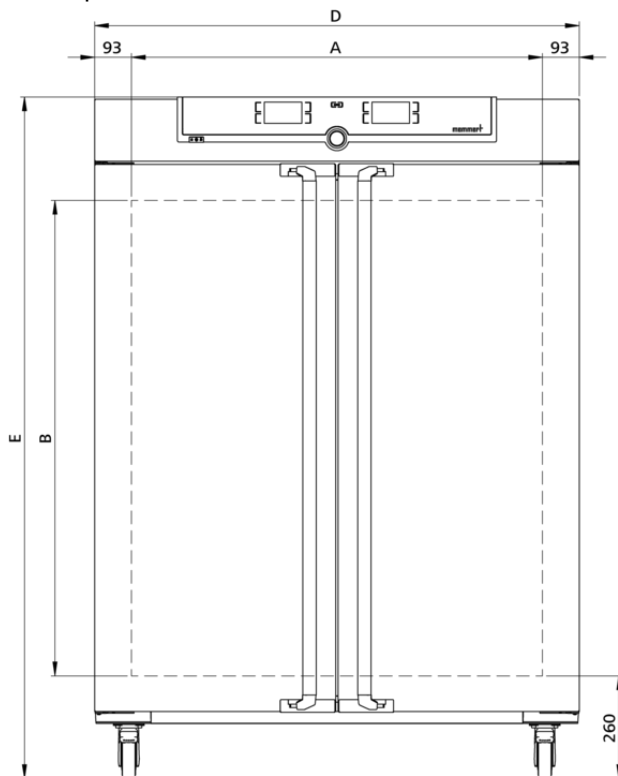


## Peltier-cooled incubator IPP1400ecoplus

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, with dimensioned 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

<b>Setting temperature range</b>	+15 to +60°C
<b>Working temperature range</b>	without light: from +15 (at least 10 below ambient temperature) to +60°C
<b>Setting accuracy temperature</b>	0.1 °C
<b>Temperature sensor</b>	2 Pt100 sensors DIN Class A in 4-wire-circuit for mutual monitoring, taking over functions in case of an error

## Control technology

<b>ControlCOCKPIT</b>	TwinDISPLAY. Adaptive multifunctional digital PID-microprocessor controller with 2 high-definition TFT-colour displays.
<b>Language setting</b>	German, English, Spanish, French, Polish, Czech, Hungarian
<b>Timer</b>	Digital backwards counter with target time setting, adjustable from 1 minute to 99 days
<b>Function SetpointWAIT</b>	the process time does not start until the set temperature is reached
<b>Calibration</b>	three freely selectable temperature values
<b>adjustable parameters</b>	temperature (Celsius or Fahrenheit), programme time, time zones, summertime/wintertime

## Ventilation

<b>Convection</b>	forced ventilation by Peltier fan
-------------------	-----------------------------------

## Communication

<b>Documentation</b>	programme stored in case of power failure
<b>Programming</b>	AtmoCONTROL software on a USB stick for programming, managing and transferring programmes via Ethernet interface or USB port

## Safety

<b>Temperature control</b>	adjustable electronic overtemperature monitor and mechanical temperature limiter
<b>Autodiagnostic system</b>	for fault analysis

## Heating concept

<b>Peltier</b>	energy-saving Peltier heating-/cooling system integrated in the rear (heat pump principle)
----------------	--

## Standard equipment

<b>Works calibration certificate</b>	for +25 °C and +40 °C
<b>Internals</b>	4 stainless steel grid(s), electropolished
<b>Door</b>	inner glass doors
<b>Door</b>	fully insulated stainless steel doors with 2-point locking (compression door lock)

## Stainless steel interior

Dimensions	$w_{(A)} \times h_{(B)} \times d_{(C)}$ : 1250 x 1450 x 750 mm (d less 32 mm for fan - Peltier)
Volume	1360 l
Max. number of internals	28
Max. loading of chamber	250 kg
Max. loading per internal	30 kg

## Textured stainless steel casing

Dimensions	$w_{(D)} \times h_{(E)} \times d_{(F)}$ : 1435 x 1913 x 905 mm (d +56mm door handle)
Installation	on lockable castors, adjustable in height
Housing	rear zinc-plated steel

## Electrical data

Voltage	230 V, 50/60 Hz
Electrical load	approx. 1600 W
Voltage	115 V, 50/60 Hz
Electrical load	approx. 1600 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-Reg.-No.	DE 66812464
Dimensions approx incl. carton	w x h x d: 1560 x 2200 x 1190 mm
Net weight	approx. 450 kg
Gross weight carton	approx. 639 kg

**Standard units are safety-approved and bear the test marks**

