

# PELTIER COOLED INCUBATORS

MEMMERT IPPeco



## PELTIER COOLED INCUBATORS BY MEMMERT

Memmert Peltier cooled incubators (IPP) are powerful and energy-efficient, offering unmatched control to guarantee unique temperature homogeneity.

The advanced Peltier technology minimizes sample dry-out, and condensation from cooling occurs outside the working chamber. The stainless steel construction (inside and out) provides the ideal hygienic environment. Models are available in multiple sizes with a single or twin display, a 3-year warranty, and a temperature range up to +70 °C.

Typical applications are microbiological analyses, bacterial count determination, cultivation above & below room temperature, and beer stability accelerated age testing or shelf-life tests of dairy products.

## Peltier Cooled Incubator Advantages:

- Temperature range 0°C up to +70 °C
- Variety of models from 1 to 75 cu. ft.
- Available with a SingleDISPLAY or TwinDISPLAY ("plus" models)
- Double doors as standard with fully insulated stainless steel
- Peltier elements ensure rapid energy transfer and optimum temperature distribution
- Made in Germany
- 3-year warranty

## MEMMERT PELTIER COOLED INCUBATORS (IPPeco)

The Peltier cooled incubators are powerful and energy-efficient offering unmatched control to guarantee unique temperature homogeneity. Minimal risk of the sample dry-out, and condensation occurs outside of the working chamber. Stainless steel construction, single or twin display, temperature range up to +70 °C.



MODEL	IPP110eco	IPP260eco	IPP410eco	IPP750eco	IPP1060eco	IPP1400eco	IPP2200eco
Internal Volume: Liters (cu.ft.)	108 (4)	256 (9)	384 (14)	749 (26)	1060 (37)	1360 (48)	2140 (75)
Sensor Type	1 Pt100 sensor DIN class A in 4-wire-circuit. Plus models: 2 Pt100 sensors DIN Class A in 4-wire-circuit for mutual monitoring, taking over functions in case of an error.						
Peltier	Energy-saving Peltier heating-/cooling system integrated in the rear (heat pump principle)						
Temperature Range	Without light: from 0 (at least 20 below ambient temperature) to +70°C						
Temperature Accuracy	0.1 °C						
Control Panel	ControlCOCKPIT: SingleDISPLAY. Adaptive multifunctional digital PID-microprocessor controller with high-definition TFT-colour display. Plus models: TwinDISPLAY. Adaptive multifunctional digital PID-microprocessor controller with 2 high-definition TFT-colour displays.						
Humidity rh	max. 70 %, non-condensing						
Convection/Fan	Forced Air						
Shelves provided* (max.)	2 (5)	2 (9)	2 (14)	2 (14)	2 (14)	4 (28)	6 (42)
Door Concept	Outside stainless steel, fully insulated, inside glass (size 1060/1400/2200 stainless steel doors with glass sector, fully heated inner glass panes integrated in the full-sight glass door with 2-point locking – compression door lock). Sizes 750, 1060 and 1400 two leaves, size 2200 three leaves						
Exterior Dims WxHxD: mm (in.)	745 x 864 x 555 (29 x 34 x 23)	824 x 1183 x 655 (32 x 46.5 x 25.75)	824 x 1720 x 655 (32 x 46.5 x 25.75)	1224 x 1720 x 755 (48 x 67.75 x 29.75)	1224 x 1720 x 1005 (48 x 67.75 x 39.5)	1435 x 1913 x 905 (56.5 x 75.25 x 35.5)	2157 x 1913 x 905 (85 x 75.25 x 35.5)
Weight: kg. (lbs)	63 (139)	99 (218)	139 (284)	208 (459)	248 (249)	345 (761)	473 (1043)
Electric	115 V					230 V	
Warranty	3 Years						
Country of Origin	Germany						
Standard Accessories	Stainless steel doors with glass sectors, fully heated inner glass panes integrated in the full-sight glass door with 2-point locking (compression door lock). 4 stainless steel grid(s), electropolished. Works calibration certificate for +10 °C, +25 °C and +40 °C.						

\*Perforated stainless steel

Learn more: [hettweb.com/peltier-cooled-incubators/](http://hettweb.com/peltier-cooled-incubators/)

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Hettich products perform to the specifications outlined in the operators manual. For application-specific information and settings, please refer to your organization's standard operating procedure. Hettich representatives are available to help you determine which Hettich products and accessories best fit your laboratory requirements.