

COMPRESSOR COOLED INCUBATORS

MEMMERT ICPeco



COMPRESSOR COOLED INCUBATORS BY MEMMERT

Memmert compressor-cooled incubators (ICP) utilize a climate-friendly CO₂ refrigerant that is non-flammable and non-toxic. The climate-friendly CO₂ refrigerant offers faster temperature change rates during cooling-down and is almost climate-neutral. The air jacket temperature control system provides rapid and precise temperature control with no evaporator-related sample dry-out, no icing of the cooling unit, and no de-humidification of the inner chamber.

The stainless steel construction (inside and out) provides the ideal hygienic environment. Models are available in multiple sizes with a twin display, a 3-year warranty, and a temperature range up to +60 °C.

Compressor Cooled Incubator Advantages:

- Climate-friendly CO₂ Refrigerant (R744)
- TwinDISPLAY offers programmable temperature ramps via AtmoControl software
- High-quality, corrosion-resistant, and hygienic stainless steel for the working chamber and housing
- heating concept specifically adapted for a precise and homogenous temperature control
- a wide range of options for programming and documentation using interfaces, integrated data logger, and Software AtmoCONTROL
- Made in Germany
- 3-year warranty

MEMMERT COMPRESSOR COOLED INCUBATORS (ICPeco)

Compressor-cooled incubators utilize a climate-friendly CO₂ refrigerant that is non-flammable and non-toxic. The air jacket temp. control system offers rapid and precise temperature control, no evaporator-related sample dry-out, no icing of the cooling unit, and no de-humidification of the inner chamber. Stainless steel construction, twin display, 3-year warranty, and a temperature range up to +60 °C.



MODEL	ICP110eco	ICP260eco	ICP450eco	ICP750eco
Internal Volume: Liters (cu.ft.)	108 (4)	256 (9)	449 (16)	749 (26)
Sensor Type	2 Pt100 sensors DIN Class A in 4-wire-circuit for mutual monitoring, taking over functions in case of an error			
Heating Concept	Air jacket heating system for gentle all-around heating. No drying-up of the load caused by the cooling device due to separation of thermal jacket from interior.			
Cooling	Cooling compressor with climate-friendly refrigerant CO ₂ (R744), GWP1			
Defrosting	Highly efficient automatic defrosting system			
Temperature Range	From -12°C up to +60°C (Optimum performance of cooling aggregate at an ambient temperature of +16°C up to +34°C. Not suitable for long-term storing at sub-zero temperatures. During permanent operation, the glass door may ice over.)			
Temperature Accuracy	0.1 °C			
Control Panel	ControlCOCKPIT: TwinDISPLAY. Adaptive multifunctional digital PID-microprocessor controller with 2 high-definition TFT-colour displays.			
AutoSAFETY	Additionally integrated over- and undertemperature protection "ASF", automatically following the setpoint value at a preset tolerance range, alarm in case of over- or undertemperature, heating is switched off in case of overtemperature, compressor in case of undertemperature			
Humidity rh	max. 70 %, non-condensing			
Shelves provided* (max.)	2 (5)	2 (9)	2 (14)	2 (14)
Exterior Dims WxHxD: mm (in.)	745 x 1233 x 584 (29 x 48.5 x 23)	824 x 1552 x 684 (32 x 61 x 27)	1224 x 1467 x 784 (48 x 57.75 x 31)	1224 x 1950 x 784 (48 x 76.75 x 31)
Weight: kg. (lbs)	118 (260)	162 (357)	222 (489)	254 (560)
Electric	230 V			
Warranty	3 Years			
Country of Origin	Germany			
Standard Accessories	Fully insulated stainless steel door with 2-point locking (compression door lock). 2 stainless steel grid(s), electropolished. Inner glass door. Works calibration certificate for for +10°C and +37°C. 3-year warranty.			

*Perforated stainless steel

Learn more: hettweb.com/refrigerated-cooled-incubators/

Contact your local Hettich representative:

Hettich | North America
 100 Cummings Center, Ste. 136L
 Beverly, MA 01915, U.S.A.
 Toll free: 1 (866) 370-4388
hello@hettweb.com
hettweb.com

© 2022 Hettich Instruments, LP. All rights reserved.
 Lit. No. PS-MEMMERT-INCUBATORS-ICP-EN-03-2022.

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.