MEMMERT CO₂ INCUBATORS

ICO50med / ICO105med / ICO150med / ICO240med

Minimizing vaporization and condensation. Active humidity control ensures short recovery times after the door has been opened and minimizes vaporization. Together with our optimal heating system (6-sides) and the heated inner glass door, it offers maximum protection for cell and tissue cultures and avoids the dangerous formation of condensation. The turbulence-free chamber ventilation ensures a constant and uniform atmosphere.

Unrivaled user friendliness. All parameters can be set easily and intuitively both with the operating display and the ControlCOCKPIT or the AtmoCONTROL software. The shutter box can be opened, allowing fast access to controls. Maintenance is possible even if the appliances are stacked. The incubator ICOmed has USB and Ethernet connections as well as a data logger with a ten-year storage capacity. Data can be read and programs can be uploaded by remote access.

Intended use of ICOmed as medical device. Every Memmert CO2 incubator, ICOmed, is classified as a Class IIa medical device for in-vitro fertilization (IVF) as well as biosynthesis. The CE label on the appliances includes the mark 0197, denoting TRLP – TÜV Rheinland as the notified body.

Additional Features:
- Fail-safe, FDA-compliant logging of temperature, CO2, O2 humidity and open door time data
- Battery-buffered ControlCOCKPIT: The operating display, logging and CO2 control are fully functional even during a power failure
- Visual and acoustic alarm as well as alarm notification to mobile phones
- Electropolished, seamlessly welded chamber
- The interior chamber, including all installations and sensors, can be sterilized at +180 °C in 60 min.

Memmert: Experts in Thermostatics   hettweb.com

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High-end functions for the protection of cell cultures, bacteria cultures or tissue cultures.

memmert

MODEL	ICO50med	ICO105med	ICO150med	ICO240med
Capacity	56 L (2 cu.ft.)	107 L (3.8 cu.ft.)	156 L (5.5 cu.ft.)	241 L (8.5 cu.ft.)
Sensor Type	Two Pt100 sensors DIN class A in a 4-wire circuit for mutual monitoring, take over functions in case of an error			
Temperature Range	5 °C above ambient temperature up to +50 °C			
Temperature Uniformity	± 0.5 °C at 37 °C			
Temperature Accuracy	0.1 °C			
Heating	6 sides: large-area multi-function heating system on four sides with additional door and back heating to avoid condensation			
Humidity Control	Up to 93%			
CO$_2$ Range	0 to 20%			
O$_2$ Control	1 to 20%			
Shelves provided* (max.)	1 (5)	2 (6)	2 (10)	2 (12)
Dims (W x H x D)	559 x 795 x 521 mm (22 x 31.3 x 20.5 in.)	719 x 850 x 591 mm (28.3 x 33.5 x 23.25 in.)	719 x 1070 x 591 mm (28.3 x 42 x 23.25 in.)	759 x 1180 x 691 mm (28.3 x 46.5 x 27.25 in.)
Weight	55 kg (121 lbs.)	75 kg (165 lbs.)	90 kg (198 lbs.)	110 kg (242 lbs.)
Electrical	115 V, 50/60 Hz, ~2,000W			
Warranty	3 yr.			
Country of origin	Germany			

*Perforated stainless steel

Learn more: hettweb.com/incubators

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