ICH750eco L

Climate Chamber ICH750eco L

Standard delivery Climate Chamber

Standard equipment

Entry port	Entry port (silicone), 40 mm clear diameter, moisture tight, can be closed by a silicone stopper, standard position at the back
Internals	2 stainless steel grid(s), electropolished
Works calibration certificate	standard values +10 °C and +37 °C, 60 % rh at +30 °C
Door	inner glass doors
Door	fully insulated stainless steel doors with 2-point locking (compression door lock)

Read More

SKU:

Price: $0.00

Categories: Climate Chambers, Memmert

Product Description

Climate chamber ICHeco for stability testing in accordance with ICH and GMP

Climate-friendly and powerful: the ICHeco climate chamber for the stability testing of pharmaceuticals, cosmetics or food works with environmentally-friendly CO_2 (R744) as refrigerant. Memmert is thus initiating the climate-friendly future of compressor-cooled temperature control appliances. Furthermore, the ICHeco scores with its unique uniformity of temperature and humidity. Via an air jacket around the hermetically sealed work area, heat is quickly and extensively introduced into the climate chamber over four sides. Icing over of the cooling appliance and sample drying are successfully avoided.

- digitally controlled active humidification and dehumidification from 10 to 80 % rh
- Temperature range from - 10 °C to + 60 °C (models ICHeco / ICH), 0 °C to + 60 °C (models ICHeco L / ICH L), + 10 °C to + 50 °C (models ICH C)
- 1 model variant - TwinDISPLAY
- double doors as standard: Prevention of contamination and drops or rises in temperature with an optimal view of the chamber load through wide-area interior glass doors

ICH stability testing (Q1B, option 2) in the climate chamber ICHeco L

In the ICHeco L climate chamber, stability tests in accordance with ICH guidelines Q1B, option 2, can be performed, thanks to an illumination unit. Fluorescent lights with cold white light (daylight: light colour 865, 6,500 K) and UV radiation in the spectral range of 320 - 400 nm. Daylight and UV light comply with standard illuminant D65.

Controlled CO_2 input in the climate chamber ICH

The climate chamber ICH C offers ideal conditions, especially to test building materials and concrete. Thanks to the electronic CO_2 control with automatic neutral position (NDIR measuring system) and an adjustment range of 0 -10 %, you can use it to carry out long-term tests to determine the depth of carbonation in concrete without bulky, costly and power-guzzling test chambers.

Climate-friendly refrigerant CO_2 ensures better cooling performance

The climate chamber ICHeco is extremely powerful and environmentally-friendly. Compared to appliances with refrigerant R134a, it scores with faster change speeds during cooling. The Memmert climate chambers ICH / ICH L / ICH C with refrigerant R134a will be available in parallel.

A Memmert ICHeco climate chamber offers unique advantages

- CO_2 Refrigerant (R744) is climate-friendly
- intuitive and easy-to-use operating menu
- temperature and humidity ramps programmable via AtmoCONTROL software
- almost exclusive use of high-quality, corrosion-resistant and easily cleanable stainless steel for the working chamber and housing
- a wide range of options for programming and documentation using interfaces, integrated data logger and software AtmoCONTROL
- 3 years guarantee worldwide

Temperature-humidity working range ICHeco

Not all climate chambers are the same. The humidity content of the chamber load, the ambient conditions and the respective temperature-humidity working range are decisive factors in the selection of the right appliance. In the adjacent diagram, you can see the possible temperature/humidity combinations for our climate chamber ICHeco. Within the respective temperature-humidity range, condensation-free permanent operation is possible. To which extent condensation may occur in the threshold range depends on the humidity content of the chamber load and the ambient conditions. This seems not to be the appropriate device for your temperature-humidity-working range? See the other Memmert climate chambers.

- Humidity Chamber HCP
- Constant climate chamber HPP
- Cleanroom constant climate chamber HPP1060
- Environmental test chambers CTC / TTC