



KKXX

CLIMATIC CHAMBERS

KEYWORDS

CLIMATIC CHAMBER, HUMIDITY, TEMPERATURE, HEATING, COOLING, IEC TEST EQUIPMENT, IEC 60335-1, IEC 60065, 60950, EN, UL

COMPLIANCE

It is constructed in compliance with IEC 60335-1, IEC 60065, 60950, ,...

INTRODUCTION

Climatic chambers are intended for performing different kind of test where the temperature and humidity of sample environment must be controlled within certain limits.

Our climatic chambers were designed with the following goals:

- Safety
- Reliability
- Ease of operation
- Ergonomical design

The **BOLD** features below are some of advantages that were introduced to reach these goals.

MAIN FEATURES (standard version)

- Temperature range Tambient +5°C ÷ 95 °C
- Forced convection with fan
- **Easy to use microprocessor controller** with **LED** display – fully programmable
- **Innovative heating technology** to ensure high **temperature stability** and **temperature uniformity**
- **10 adjustable programs** each with up to 10 temperature/time ramps/set points
- Adjustable temperature and humidity tolerance to start time count down
- PID temperature controller
- **Dew-point principle** humidity control
- **Visual and acoustic alarm** in case of overheating and/or sensor error
- **Timer function** – one ramp
- Temperature set **resolution 0.1 °C**
- Temperature display **resolution 0.1 °C**
- Temperature stability **± 0.1 to 0.2°C** (depending on the chamber size)
- Relative humidity 15-95%
- Relative humidity stability lower than **± 3%**
- **Double over temperature protection**
(over temperature shut-off 5°C above set temperature – microprocessor controlled)
(over temperature shut-off – mechanical)
- Adjustable exhaust
- All stainless steel interior **AISI 304 mirror polished**
- Powder coated exterior (RAL 7035) – **scratch resistant**
- Stainless steel shelve
- Lockable door
- RS – 232 communication port
- Program for temperature sensor corrections (**easy calibration** without any mechanical interferences)

STANDARD MODELS:

| Type | Volume | Internal DIMS (WxHxD) mm | External DIMS (WxHxD) mm | Power consumption |
|--------|--------|--------------------------|--------------------------|------------------------|
| KK105 | 105 L | 490 x 500 x 430 | 725 x 1500 x 845 | 230V~50/60 Hz 2,5 kW |
| KK190 | 190 L | 600 x 615 x 515 | 900 x 1680 x 930 | 230V~50/60 Hz |
| KK265 | 252 L | 600 x 765 x 550 | 835 x 1745 x 1040 | 230V~50/60 Hz 2,5 kW |
| KK500 | 495 L | 680 x 1400 x 520 | 1500 x 1905 x 715 | 3x400V~50/60 Hz 3,5 kW |
| KK1000 | 1000 L | 1000 x 1000 x 1000 | 1270 x 1925 x 1470 | 3x400V~50/60 Hz 3,0 kW |
| KK4075 | 4075 L | 1420 x 1920 x 1495 | 2460 x 2390 x 1755 | 3x400V~50/60 Hz 6,0 kW |

Other sizes can be supplied on request.

ACCESSORIES (options - not included in price):

- Extended temperature range versions (min = -75°C max =180°C)
- Access port with plug Ø 40 mm left (all other locations specified by user)
- Calibration certificate (1 temperature, 1 point)
- Calibration certificate (3 temperatures, 10 points)
- All interior made of AISI 316
- All exterior and interior made of AISI 304
- Additional exhaust fan unite
- Stainless steel AISI 304 shelve
- Other supplying voltage
- Observation window
- Printer with adjustable print-out intervals

DESIGN

Table top apparatus:

Solid construction, Non-sensitive, scratch-resistant surfaces through powder-coating, galvanized steel sheets, feet with anti-slip protection,

Internal chamber: Stainless steel AISI 304, mirror polished.

OTHER CONDITIONS

Warranty: 2 years

Support by E-mail: support@testing.si

On line Skype VIDEO Support: Testing_support, matejsimonic

We will be glad to help you solve your problems and to hear any feedback from you.