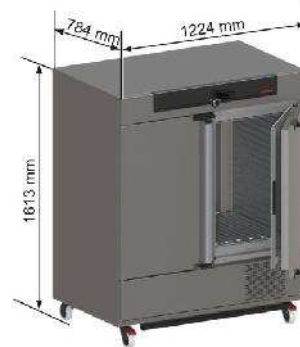


## Cooled incubator, compressor-type

### Model ICP450



## Standard equipment

### Ventilation and Control

- forced air circulation in working chamber adjustable from 10 to 100 % in 10 % steps
- no drying-up of the load caused by the cooling device due to separation of thermal jacket from interior
- adaptive multifunctional digital PID-microprocessor controller with 2 high-definition TFT-colour displays
- energy-saving use of CFC-free cooling/heating system (refrigerant R134a)
- highly efficient automatic defrosting system
- self-diagnostics for fault analysis
- 2 Pt100 sensors Class A in 4-wire-circuit, mutually monitoring and taking over the performance at the same temperature value
- Digital backwards counter with target time setting, adjustable from 1 minute to 99 days
- parameters adjustable on ControlCOCKPIT: temperature (Celsius or Fahrenheit), fan speed, programme time, time zones, summertime/wintertime
- SetpointWAIT function - the process time does not start until the set temperature is reached
- AtmoCONTROL software on a USB stick for programming, managing and transferring programmes via Ethernet interface or USB port
- Setting of languages on ControlCOCKPIT: German/English/Spanish/French
- resolution of display for setpoint and actual temperature values 0.1 °C
- calibration facility directly at ControlCOCKPIT for three freely selectable temperature values
- programme stored in case of power failure
- incl. works calibration certificate for +10 °C and +37 °C

### Multiple Overtemperature Protection

- with audible and visual alarm
- over- and undertemperature monitor TWW, protection class 3.3 or adjustable temperature limiter TWB, protection class 2, selectable on display
- 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
- mechanical temperature limiter TB, protection class 1 according to DIN 12880 to switch off the heating approx. 10 °C above nominal temperature

### Textured Stainless Steel Casing

- w x h x d: 1224 x 1613 x 784 mm
- fully insulated stainless steel doors with 2-point locking (compression door lock)
- inner glass doors
- rear zinc-plated steel
- on lockable castors

### Interior - Heating Concept

- w x h x d: 1040 x 720 x 600 mm, 449 l
- air jacket heating system for gentle all-around heating
- 2 stainless steel grids
- Max. loading of chamber: 200 kg

### Temperature Range

- from -12 °C up to +60 °C (optimum performance of cooling aggregate at an ambient temperature of +16 °C up to +32 °C)

**Voltage / Power Rating**

- 230 V (+/- 10 %), 50/60 Hz / approx. 1.200 W
- 115 V (+/- 10 %), 50/60 Hz / approx. 1.200 W

**Packing Data**

- net weight approx. 217 kg
- gross weight carton approx. 283 kg
- dimensions approx.:  
carton w x h x d: 133 x 168 x 105 cm
- the appliances must be transported upright

**Customs Tariff Number**

- 8419 8998

**Country of Origin**

- Federal Republic of Germany

**WEEE-Reg.-No.**

- DE 66812464