

Cooled incubator, Peltier-technology

Model IPP55plus



Standard equipment

Ventilation and Control

- forced ventilation by Peltier fan
- adaptive multifunctional digital PID-microprocessor controller with 2 high-definition TFT-colour displays
- 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 timer adjustable from 1 minute to 99 days
- parameters adjustable on ControlCOCKPIT: temperature (Celsius or Fahrenheit), 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
- Heating and cooling performance distribution by individual control of the Peltier elements in the upper and lower row
- 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 function is switched off in case of overtemperature, cooling function in case of undertemperature

Textured Stainless Steel Casing

- w x h x d: 585 x 787 x 604 mm
- fully insulated stainless steel door with 2-point locking (compression door lock)
- inner glass door
- rear zinc-plated steel

Interior - Heating Concept

- w x h x d: 400 x 400 x 330 mm, 53 l
- energy-saving Peltier heating-/cooling system integrated in the rear (heat pump principle)
- 1 stainless steel grid
- Max. loading of chamber: 80 kg

Heating- and cooling system

- energy-saving Peltier heating-/cooling system integrated in the rear (heat pump principle)

Temperature Range

- from 0 °C to +70 °C

Voltage / Power Rating

- 230 V (+/- 10 %), 50/60 Hz / approx. 275 W
- 115 V (+/- 10 %), 50/60 Hz / approx. 275 W

Packing Data

- net weight approx. 51 kg
- gross weight carton approx. 72 kg

- dimensions approx.:
carton w x h x d: 73 x 97 x 67 cm
- the appliances must be transported upright

WEEE-Reg.-No.

- DE 66812464

Customs Tariff Number

- 8419 8998

Country of Origin

- Federal Republic of Germany