

## Cooled incubator, Peltier-technology

### Model IPP110plus



## 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, 23 hours
- 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
- Distributed heating and cooling performance thanks to 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: 745 x 867 x 674 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: 560 x 480 x 400 mm, 108 l
- energy-saving Peltier heating-/cooling system integrated in the rear (heat pump principle)
- 2 stainless steel grids
- Max. loading of chamber: 150 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. 650 W
- 115 V (+/- 10%), 50/60 Hz / approx. 650 W

### Packing Data

- net weight approx. 78 kg
- gross weight carton approx. 92 kg
- dimensions approx.:  
carton w x h x d: 85 x 114 x 79 cm
- the appliances must be transported upright

**Customs Tariff Number**

- 8419 8998

**WEEE-Reg.-No.**

- DE 66812464

**Country of Origin**

- Federal Republic of Germany