

Cooled incubator, compressor-type

Model ICP55



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: 585 x 1153 x 514 mm
- fully insulated stainless steel door with 2-point locking (compression door lock)
- inner glass door
- rear zinc-plated steel
- on lockable castors

Interior - Heating Concept

- w x h x d: 400 x 400 x 330 mm, 53 l
- air jacket heating system for gentle all-around heating
- 1 stainless steel grid
- Max. loading of chamber: 80 kg

Temperature Range

- from -5 °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. 89 kg
- gross weight carton approx. 112 kg
- dimensions approx.:
carton w x h x d: 78 x 145 x 68 cm
- the appliances must be transported upright

Customs Tariff Number

- 8419 8998

Country of Origin

- Federal Republic of Germany

WEEE-Reg.-No.

- DE 66812464