

TA 19 DG Thermostatic water jacket incubator

Capacity 19 liters

The incubator thermostats of our production can be used for multiple applications such as, for example, for incubations for microbiological use, tests on materials (to test their resistance or verify any deformations) or for any other work that requires uniform and precise heating. in temperature.

Construction features

- Internal chamber with double walls in polished copper for a perfect diffusion and uniformity of heat. The water gap around the inner chamber ensures exceptional thermal stability
- Copper has always been known as a material with high antimicrobial and heat conduction properties. Copper inhibits the growth of the most common microbial contaminants on the walls and all surfaces of the chamber.
- External structure in AISI 304 stainless steel
- High quality mineral fiber insulation
- Double front door, external in stainless steel with insulation, internal in tempered glass
- Air vent device
- Steam recovery condensers, level indicator.
- Perforated support shelves in AISI 430 stainless steel sheet (nr. 1 as standard plus double bottom shelf)
- Non-slip rubber feet.



Standard thermoregulation equipment

- PID digital thermoregulator with autotuning with PT100 probe
- Temperature range from + 5 ° C above ambient to + 70 ° C
- Resolution displayed in three digits (0.1 ° C), double display (set point, detected temperature)
- Standard safety device for overtemperature with variable intervention threshold according to the set point (at 1.5 ° C fixed above the set point), in case of failure of the main thermoregulator, with visual alarm (class 2 - DIN 12880)
- Temperature uniformity in the cell: ± 0.25 ° C at 37 ° C
- Thermostating accuracy (time): ± 0.15 ° C at 37 ° C
- Compliant with EUROPEAN COUNCIL DIRECTIVES 2006/42 / EC (Machinery Directive), 2014/35 / EU (Low Voltage Directive), 2014/30 / EU (Electromagnetic Compatibility Directive) and EN 6101-1: (2001) standards.
- Standard certificate of factory temperature calibration (1 value, in 3 points of the cell)



On demand:

- RS485 serial interface
- USB serial port
- Supervision software (reporting, graphics, alarms, visualization of ongoing processes)

Technical data

Internal dimensions 300x250x250

in mm LxHxP

External dimensions 490x380x425

(excluding opening handle)

in mm LxHxP

Capacity liters 19

No shelves supplied 1

No doors 1

Weight in Kg 25

Absorbed power W 150

(230V 50-60Hz)

Other voltage / voltage execution on request

External dimensions of the product

Height 380 mm

Width 490 mm

Depth 425 mm

Weight 25 Kg

| Code | Description |
|---------|--|
| 9068002 | TA 19 DG Thermostatic water jacket incubator Capacity 19 liters |

Accessories

| Foto | Code | Description |
|---|---------|-------------|
|  | 0101051 | |
|  | 8843002 | |
|  | 8853292 | |