

TA/DG

THERMOSTATIC
INCUBATORS
WITH WATER JACKET

FOR BACTERIOLOGICAL APPLICATIONS

06.2025



Key Features

- Internal chamber with double walls by polished copper allowing a perfect and uniform warmth distribution. The water jacket all around the internal chamber enables an exceptional thermal steadiness
- External structure polished stainless steel AISI 304
- Thermal insulation by high quality mineral fiber in adequate thickness
- Double kind front door, external stainless steel with thermal insulation, internal tempered glass to allow visual inspection without thermal alterations
- Air ventilation hole device
- Glass condensers for a complete steam recovery, with water gauge
- Removable perforated shelves in AISI 430 stainless steel sheet (nr. 1 standard + double bottom shelf)
- Rubber antiskid feet

Standard thermal equipment

- Digital P.I.D. microprocessor controller with autotuning, PT100 probe
- Temperature range: from +5°C beyond ambient up to +70°C
- Visualized resolution: three digits (0,1°C), double display (set point, measured temperature)
- Standard safety overtemperature protection system, with adjustable entry point related to set point (fixed 1,5°C beyond setpoint), with automatical intervention with visual alarm (Class 2 – DIN 12880)
- Temperature uniformity in the chamber: $\pm 0,25^{\circ}\text{C}$ at 37°C
- Thermal Accuracy (time): $\pm 0,15^{\circ}\text{C}$ at 37°C
- Manufactured in compliance with the DIRECTIVES of the EUROPEAN COUNCIL 2006/42/CE (Machinery Directive), 2014/35/UE (Low Voltage Directive), 2014/30/UE (EMC Directive) and standards EN 6101-1:(2001).
- Factory temperature calibration certificate (standard 1 measure for 3 points of the chamber)

Optional

Code	Description
8843001	Digital Timer 99h 59' (integrated in the digital PID controller), count down – continuous modes
8853292	Stainless Steel AISI 304 Floor Stand
0101051	Factory temperature calibration certificate by thermometric chain Accredia certified (standard 1measure for 3 points of the chamber)

On request:

- Serial interface RS485 – RS232
- USB Port
- Management software (reporting, graphics, alarms, running process visualization)

TA	Internal Dimensions (mm)			External Dimensions (mm)			Cap.	Shelves	Doors	Weight	Power(230 V 50 Hz) (**)
Model	W	H	D	W	H	D	Litres	n.	n.	Kg	W
Code											
TA 19 DG	300	250	250	490	380	425	19	1	1	25	150
9068002											

(**) on request other voltage / tension