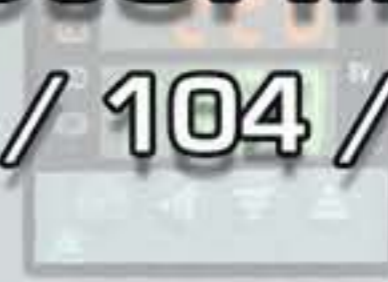




Laboratory Oven Hot air sterilizer ODS 20 / 60 / 104 / 256



Temperature Controller



Custom - Made
Design
& OEM Available

NS . BIOTEC
www.nsbiotec.com



ISO 13485

Features :

- Temperature range up to 250 C° for standard models and 300 C° on request
- Fuzzy-supported PID microprocessor controller with integrated Auto diagnostic system, fault indication solid state switching unit
- Digital display (LED)of all set parameters such as temperature, time and set-up value
- digital timer adjustable from 1 min to 99.59 hours
- All made from stainless steel ASTM 304, interior housing shelves and external body.
- Cabinet is particularly corrosion-resistant, hygienic and robust.
- Full protection by follow up alarms Acoustic & Visual switching the heating off at any deviation of 1.0C above set point



2 in 1 : Laboratory Drying Ovens - Sterilizer Up To 250 C°

Technical Specification

Temperature control		ODS 020	ODS 060	ODS 104	ODS 256
Temperature variation (time)	+ / - °C	1	1	1	1
Temperature deviation	+ / - %	1	1	1	1
Readability / Stability	°C	1	1	1	1
Temperature Range RT + 5	°C	up to 250	up to 250	up to 250	up to 250
Controller		PID	PID	PID	PID
Display		LED	LED	LED	LED
Over temperature indicator		Visual / Acoustic	Visual / Acoustic	Visual / Acoustic	Visual / Acoustic
Actual temperature displayed	°C	Yes	Yes	Yes	Yes
Digital Timer	Min / Hr	1~ 99.59	1~ 99.59	1~ 99.59	1~ 99.59
Sensor Thermocouple		Yes	Yes	Yes	Yes
Door Gasket , Silicone Rubber		Yes	Yes	Yes	Yes
Ventilation Slide		Yes	Yes	Yes	Yes
Shelves	St. / Max.	2/3	2/6	3/10	3/15
Shelf Dimensions W , D	mm	350 * 220	455 * 330	625 * 370	1180 * 545
Nominal Power	W	800	1100	2300	2750
Nominal Voltage Range	V	85 -242	85 -242	85 -242	85 -242
Frequency	Hz	50 / 60	50 / 60	50 / 60	50 / 60
Inlet Fuses	A	20	20	20	20
Exterior dimensions W, D, H	m/m	600 * 382 * 332	710 * 485 * 472	885 * 525 * 532	950 * 700 * 920
Interior dimensions W, D, H	m/m	364 * 250 * 209	464 * 360 * 349	635 * 400 * 410	800 * 500 * 640
Volume Working Chamber	Liter	20	60	104	256
Net Weight	Kg	13	25	36	59
Shipping Weight	Kg	15	27	38	66



structured stainless steel (ASTM 304) is used for external body, It is scratch-resistant, hygienic, robust and durable. stylish attractive appearance for a life, moreover it is completely recycle (environment friendly)



The NS BIOTEC PID Microprocessor controller is user friendly, very easy to operate and has a large Dual LED displays to monitor the temperature & the time for each process .It has also a number of functions, such as adjustable alarm limits, acoustic alarm, timer and PID control of the temperature. The controller is very reliable. It has conforms the EMC requirement for the (EN 50081-1) Safety requirements (IEC 1010-1:1990+A2 / EN 61010-1:1993).

Technical Alteration

- These technical date are specified for an empty cabinet and ambient temperature of 25 C.
- Some of the illustrations in this publication include the special accessories; we reserve the right to make changes in technical specification. Dimension without prior notice.

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