



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



NS. BIOTEC
www.nsbiotec.com



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 touch button 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 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 1.0 °C above set point.

Laboratory Drying Ovens - Sterilizer Up To 250 C°

Technical Specification					
Temperature control		ODS 020 T	ODS 060 T	ODS 104 T	ODS 256 T
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 Touch Button		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	2/10	2/15
Shelf Dimensions W , D	mm	350 * 220	455 * 330	600 * 350	1180*545
Nominal Power	W	800	1100	4000	4800
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	500 x 370 x 462	490 X 470 X 700	640 x 640 x 875	950x700x920
Interior dimensions W, D, H	m/m	395 x 250 x 204	390 X 350 X 430	460 x 400 x 549	800x500x640
Volume Working Chamber	Liter	20	60	104	256
Net Weight	Kg	13	35	80	95
Shipping Weight	Kg	15	40	104	115

structured stainless steel (ASTM 304) is used for external body, It is scratch-resistant, hygienic, robust and durable. stylish attractive appearance for a life, Stainless steel 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 Touch Button & Module. Real time Monitoring for 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 conforms the EMC requirement for the (EN 50081-1) Safety requirements (IEC 1010-1:1990+A2/EN 61010-1:1993)

