Hot Air Oven Sterilizer

Battery Back Up

GMDN code 35364

QUALITY Leader

YCO-010

(Choice of Stainless steel)

Intended Use:

The apparatus is designed for general application in variety of sterilizing medical devices, baking, drying, conditioning, preheating, curing for dry content analysis, chemical resistance studies, glassware drying, dry sterilizer etc., using elevated temperature in the absence of moisture as the sterilizing agent for the inactivation of micro-organisms.

Technical data

- Heavy- gauge glass fiber insulation sustains to prevent the heat loss and maximize energy efficiency.
- Comes with Double wall of exterior steel treated by powder coating ensures scratch free and corrosion free.
- The height of stainless-steel wire-rod shelf is adjustable in order to meet the various samples.
- **Programmable memory: (YCO-010)**
  In case of power failure, the built-in battery CMOS #CR2032 can activate and store the preset temperature and passed time.
  Once power supply resumed, temperature starts to heating and stabilize at the preset point, then Timer counts down the remaining time.

  User does not need to reset the temperature and timer, not need to press 'ON' or any other buttons. Equipment will activate to work automatically.
- **Option** for: Castors for easy delivery and No-fuse breaker with O.C.

YCO-N01

YCO-N01(Digital)

Specifications:

Model		YCO-N01 (Analog)						YCO-N01 (Digital)						YCO-010 (Microprocessor)					
Timer		Mechanical, 180min + HOLD						Mechanical, 180min + HOL						Digital, 99hr. 59min + HOLD					
Temperature control / Display		Analog / Thermometer						Microprocessor / Digital						Microprocessor / Digital					
Capacity	Liter	16	34	53	75	90	110	16	34	53	75	90	110	16	36	57	75	90	110
	Wattage	750	750	750	1000	1500	1500	750	750	750	1000	1500	1500	750	750	1000	1000	1500	1500
Temperature uniformity		±3ºC at 180ºC						±2ºC at 180ºC						±2ºC at 180ºC					
Temperature stability		±1ºC at 180ºC						±0.1ºC at 180ºC						±0.1ºC at 180ºC					
Resolution		1ºC						1ºC						1ºC					
Over-heat alarm & shutout		Yes, At 220ºC						Yes, 10ºC above the set poi						Yes, 10ºC above the set point					
Air convection		Natural convection						Forced convection						Forced convection by fan					
Air vent		Yes						Yes						Yes					
Interior Chamber		Stainless steel SUS#304						Stainless steel SUS#304											
Temperature range		Ambient + 5ºC to 250ºC						Ambient + 5ºC to 250ºC											
Control system		Analog						Microprocessor controlled system											
Temperature control		EGO thermostat						PID											
Sensor		Hydraulic expanded						"K" type											
Standard Accessory		2 stainless steel shelves						2 stainless steel shelves, interval is adjustable											
Quality standard		ISO, CE, GMP, FDA, Japan						ISO, CE, GMP, FDA, Japan						ISO, CE, GMP, FDA, Japan					

- **All measurements are approximate, the allowance is acceptable.**
- **Other capacities are available subject to the minimum quantity up to 5 units, such as 150L, 200L, 250L etc.**

YCO-010 (YCO-N01 Digital)

- Function preheating with timer working only when **th**e actual temperature at 2ºC below set point.
- LED digital set and display for Power, Heating, PV, SV, Alarm, Timer and Operation Safety devices
- Over temperature alarm and shutout device to 10ºC above the set point.
- Sophisticated design to shut off power protecting sterilizer from excessive heating at 220ºC if primary control fails.
- Audible & visible alarm indicated by indicator.
- Timer stop counting when PV is 5ºC below SV after stabilization if door is opened, or in case of power failure, the memory will store the past time and set-temperature, and start to count when the PV value returns to 2ºC below SV.

- **YCO-N01** is designed when the cost is the major consideration to the users. Natural convection is used when the accurate temperature control and uniformity are not critical important to users and your samples can't be disturbed by air current.