

E series electric drying oven (Vertical standard type)



Features

1. Microcomputer PID control is used with self-tuning PID function, make sure equipment can reach the best accuracy of temperature control at any working state ,
2. Enter parameter manually by pressing up and down key , the setting is simple and convenient , in the meantime, the set temperature and measured temperature are displayed.
3. Convenient temperature compensation function can avoid the error between displayed temperature and measured temperature,
4. The products have function of timing constant temperature when the measured temperature has reached the set temperature.
5. With independent overtemperature protection device, reliability and safety of products are improved .
6. Side heating is adopted , which will not damage the heater even dripping samples that are dried , and it is easy to clean the oven body.
7. Equipped with caster wheel convenient for the movement of products.

Application

Electronics, Electrical engineering , instruments , material , semiconductor manufacturing enterprise do drying , baking , thermal insulation and heat treatment test on non-flammable and non-explosive goods .

School , biological pharmaceutical , food , cosmetics , tobacco , microorganism , chemical industry units do drying , baking and sterilization test on sample research,

Especially suitable for drying and ageing of products such as LED, LCD, quartz crystal , optical fiber, capacitor , resistor , inductor during production process.

Standards implemented and met



Technical conditions of drying oven :HB/T5520-1991

Specification

Model	AA101-1EBN	AA101-2EBN	AA101-3EBN
Performance			
Circulation method	Forced air circulation		
Temp range	R.T+10°C-300°C		
Temp constancy	± 0.5°C		
Temp homogeneity	± 2.5%		
Heat up time	Approx *70min		
Components			
Interior material	Stainless steel SUS 304(EBN series) Cold rolled plate with baked coating finish (EN series)		
Exterior material	Electrostatic spraying of epoxy powder on cold-rolled steel sheet		
Observation window	Hollow high temperature resistant toughened glass		
Heat insulating material	Class wool		
Sealing of door	Environment -friendly silicone rubber strip		
Exhaust port	45mm I.D *1 the back side		
Circulating fan	Centrifugal blower		
Motor	Condenser type		
Heater	Iron-chrome wire heater		
Controller			
Temp control method	PID control by microprocessor		
Temp setting method	Digital setting by up and down key		
Temp display method	Digital display by LED		
Operation function	Fixed temperature operation		
Heater circuit control	Triac zero-cross control		
Safe device			
Independent overtemp .prevention ,breaker with overcurrent protection			
Standard			
Internal dimensions	400*450*400(mm)	500*550*500	600*650*600
External dimensions	575*610*905"(mm)	675*710*1025	775*810*1175
Internal capacity (L)	72	137.5	234
Power supply	AV220V 50HZ		
Power (KW)	Approx*1.5	Approx*2.5	Approx*3
Accessories			
Shelf plate ,2 sets/product description			
Optional accessories			
Program temp control /additional shelf plate /cable hole 50mm/ external communication terminal (RS485)etc			