

# HND-E15 Series Drying Oven



## HND-E15 Series Electrothermal Constant-temperature Dry Box

### **Application and Property:**

The maximum working temperature of the Electrothermal Constant-temperature Dry Box is 300°C. The Dry Box can be used to bake, dry, and carry out heat treatment or other heating process for the test specimens in various industries and laboratories. (The Dry Box can not be used for the materials contain volatile substance as these materials may cause explosion in the box).

The working temperature can be set within the range from the room temperature to the maximum temperature and kept at a constant level through the automatic control system of the Dry Box.

The Model Dry Box is capable of keeping the temperature of the chamber uniform through the convective flow created by the change of the proportion of cold and hot air.

With the accurate construction of the instrument and the precise and sensitive temperature control system, the Dry Box can be widely used in the factories and scientific research institutions.

### **Explanation on the Structure**

The Dry Box is made from thin steel plates. It is furnished with a working chamber with layers of plates for placing the test specimens. The plates can be removed to make more space for the big test specimens. A thermal insulation layer made from silicon cotton or pearlstone is used to fill the space between the working chamber and the canopy of the Dry Box. A glass door or sight window is installed for the user to watch the working conditions inside of the chamber.

The LED Display Digital Temperature Controller is installed in the Dry Box to control the working temperature. A thermocouple is extended to the working chamber to accurately measure the temperature. All of the electric equipments including the controller and the electric heater etc. are controlled by the instruments. A side door is installed in the console cabinet, which can be easily removed for inspection or repair.

**Spec:**

<b>Model</b>	<b>Temp Range</b>	<b>Precision</b>	<b>Heat Power:</b>	<b>Power :</b>	<b>Working Size : mm</b>
HND-E42	50~300°C	±1°C	500W	220V 50Hz	350×350×350
HND-E70			1000W		450x350x450
HND-E136			1500W		550x450x550
HND-E225			2000W		600x500x750