



Touch-screen Dry Block temperature Calibrator



Product features

This product is easy to carry, easy to use, fast and reliable temperature efficiency, widely used in machinery, chemical industry, food, medicine and other industries. The problem of slow temperature rise and slow temperature rise is common in the existing dry test furnace in China, which leads to a long time for users to calibrate each time. The latest generation of dry well furnace of our company adopts the most advanced heating principle design in the world. It has the characteristics of fast temperature rise, fast temperature rise and fast temperature drop, which greatly improves the existing calibration efficiency.

Through reliable high precision temperature control circuit and high precision sensor, the precision is higher than that of other domestic manufacturers, and the technology has reached international standards. The first worldwide touching operation, simple and fast to use.

Main features:

Small size, light weight, easy to carry;

Various types of insertion tube, can meet the different size, quantity of sensor testing and calibration. And can be customized according to the special needs of users;

Horizontal temperature and vertical temperature field;

Check the depth of insertion with the industry leader;

5.7 inch TFTLCD touch screen, 16 bit true color RGB display, full touch operation, intuitive use;

Fast cooling, easy to set, good temperature stability;

Hot and fast replacement;

With load short circuit, load switch, sensor protection and other functions.

General technical specifications

Language: Chinese, English;

Communication interface: USB Device (optional).

The ambient temperature range: 0~50°C (32-122°F) ;

Ambient humidity range: 0%-90% (non condensing);

Indicators Model	ET2501-150A	ET2501-150B	ET2501-650	ET2501-1000	ET2501-1200
Temperature range	-20~150℃	-30~150℃	50~600℃	300~1000℃	300~1200℃
Heating rate	30~100: 20min 30~150: 40min		30~300:7 min 30~600:25min	30~1200:75 min	
Accuracy	≤±0.1℃		400℃ ≤±0.35℃ 400-600℃≤±0.5℃	≤±1.2℃	
Diameter of Soaking pit	30mm		32mm	39mm	
Vertical temperature field	50mm axial uniformity (bottom up 50mm)				
Horizontal temperature field	≤±0.05℃		≤±0.05℃	≤±0.2℃	
Insert depth	165mm		150mm	135mm	
Temperature unit	℃ or ℉;				
MIX Power	500w		800w	3000w	
Control accuracy	0.1% or 0.2%;				
Power supply	220v± 10% ,45-60hz ,or 110v± 10%				
Display resolution	±0.1℃ or ±0.01℃				
SIZE	310*190*340mm		250*150*310mm	310*190*340mm	
weight	15KG		11KG	12KG	