TEKTrend-ET3801 Series
Touch-screen Dry Block Temperature Calibrator

Features:
- 5-inch TFTLCD touch screen
- Various types of insertion tube
- Can be customized according to the special needs
- Horizontal temperature and vertical temperature field
- Fast cooling and easy to set

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 rises 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 rises 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.

Model	ET3801-150A	ET3801-150B	ET3801-150C
Temperature Range	-20~150°C	-30~150°C	-45~150°C
Heating Time	30~100: 20min; 30~150: 40min	30~100: 20min; 30~150: 40min	30~100: 20min; 30~150: 40min
Display Accuracy	≤±0.1°C	≤±0.1°C	≤±0.1°C
Stability	≤±0.02°C	≤±0.02°C	≤±0.02°C
Immersion Depth	160mm	160mm	160mm
Insert OD Dimensions	36mm	32mm	32mm
Multihole	4 holes: Φ6mm,Φ8mm Φ10mm,Φ12mm	4 holes: Φ6mm,Φ8mm Φ8mm,Φ10mm	4 holes: Φ6mm,Φ8mm Φ8mm,Φ10mm
Axial Uniformity	bottom up 30mm,the deviation is not more than 1°C		
Radial Uniformity	≤±0.05°C	≤±0.05°C	≤±0.05°C
Max. Power	300W	300W	300W
Temperature Unit	°C or °F		
Control Accuracy	0.10%		
Display Resolution	0.01°C		
Communication Interface	USB Device (optional)		
Language	Chinese, English		
Power Supply	220v± 10% ,45-60hz ,or 110v± 10%(optional)		
Operating Conditions	0°C to 50°C, 0% to 95% RH (non-condensing)		
Dimension	310mm*190mm*340mm		
Weight(Net)	13kg		

Model	ET3801-150A	ET3801-650	ET3801-1200
Temperature Range	-20~150°C	50~650°C	300~1200°C
Heating Time	30~100: 20min; 30~150: 40min	30~300:7min; 30~400:12min; 30~650:25min	30~1200:75min
Display Accuracy	≤±0.1°C	<400°C: ≤±0.35°C 400°C~650°C: ≤±0.5°C	≤±1.2°C
Stability	≤±0.02°C	≤±0.05°C	≤±0.2°C
Immersion Depth	160mm	150mm	135mm
Insert OD Dimensions	36mm	32mm	39mm
Multihole	4 holes: Φ6mm,Φ8mm Φ10mm,Φ12mm	Choose one of two when ordering: 3 holes: Φ8mm,Φ10mm,Φ12mm 4 holes: Φ6mm,Φ6mm,Φ8mm,Φ8mm	4 holes: Φ6mm,Φ8mm Φ10mm,Φ12mm
Axial Uniformity	bottom up 30mm,the deviation is not more than 1°C		bottom up 10mm,the deviation is not more than 1°C
Radial Uniformity	≤±0.05°C	≤±0.05°C	≤±0.25°C
Max. Power	300W	1200W	3000W
Temperature Unit	°C or °F		
Control Accuracy	0.10%		
Display Resolution	0.01°C		
Communication Interface	USB Device (optional)		
Language	Chinese, English		
Power Supply	220v± 10% ,45-60hz ,or 110v± 10%(optional)		
Operating Conditions	0°C to 50°C, 0% to 95% RH (non-condensing)		
Dimension	310mm*190mm*340mm	250mm*150mm*310mm	250mm*150mm*310mm
Weight(Net)	13kg	18kg	18kg