

## Microwave Oven Thermostat Performance Tester Model: ADL-MT07

### Equipment Summary

**Sample range:** The thermostat contact reaches the set temperature range to detect whether the thermostat operates or resets.

**Test principle:** The equipment is composed of a box and a set of computer detection system and control system. The temperature signal detected by the high precision temperature sensor is transmitted to the computer, and the computer completes the control of the temperature of the box and its change rate. And the data collection, processing, testing, calculation, statistics, automatic judgment results of the products in the box, automatic record after the completion of the test, can be exported to generate data detection report, is the manufacturer research and development, production of temperature control contact switch necessary.



### Detailed Equipment Parameters

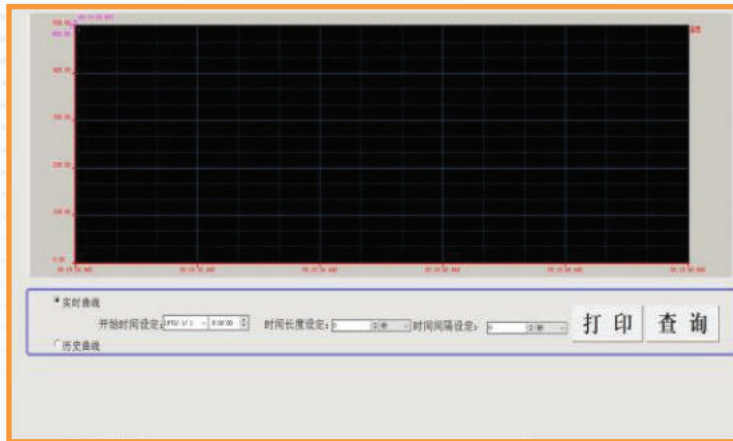
1. Temperature measurement range: room temperature -250°C, display resolution :0.1°C;
2. The temperature field uniformity of the measured component placement area:  $\pm 2^{\circ}\text{C}$  (below 250°C);
3. The use of medium: air;
4. Test box structure: internal cylindrical, air circulation up and down.
5. The number of tests: standard 30 can be customized more stations (each can choose 1-30 only test);
6. Test mode:
  - 1) Disconnect temperature (optional);
  - 2) Closing temperature;
  - 3) Open - close;
  - 4) Make - break;
7. Detection content: Automatically calculate the maximum value, minimum value, average value, temperature distribution curve and other report charts of the measured product temperature.
8. Qualified products are displayed in green on the display screen; Dark red for low temperature, red for high temperature;
9. When the circuit leakage, immediately cut off the working power supply;
10. Temperature rise rate: adjustable
11. The furnace temperature exceeds 260°C is automatically cut off heating protection;
12. The test cover door is equipped with a temperature control switch, when the door is opened, interrupt the test.



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智能温控器性能测试系统

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温控器测试数据报表										
检测时间	2021/10/5 14:57:08			型号	DDZ-A0801w					
检测人				温控器批次	0					
动作温度 (℃)	80			动作正偏 (℃)	2		动作负偏 (℃)	4		
复位温度 (℃)	70			复位正偏 (℃)	4		复位负偏 (℃)	3		
工位 (1-10)	1#	2#	3#	4#	5#	6#	7#	8#	9#	10#
OFF (℃)	78.97	80.28	77.61	78.6	77.71	77.51	77.8	80.9	79.25	77.66
ON (℃)	72.01	70.54	68.49	71.45	70.73	70.34	70.69	70.49	73.06	70.68
工位 (11-20)	11#	12#	13#	14#	15#	16#	17#	18#	19#	20#
OFF (℃)	77.64	80.82	80.05	77.1	78.74	77.38	78.49	76.67	78.79	78.67
ON (℃)	70.39	70.97	70	69.86	70.98	69.23	70.36	70.16	69.72	70.94
工位 (21-30)	21#	22#	23#	24#	25#	26#	27#	28#	29#	30#
OFF (℃)	80.29	80.29	77.78	81.02	78.08	77.73	80.1	80.17	80.02	77.76
ON (℃)	70.98	70.34	70.16	71.46	70.17	70.36	70.34	70.49	70.36	69.52
OFF	最大值 (℃)	81.02	最小值 (℃)	76.67	平均值 (℃)	78.827667				
ON	最大值 (℃)	75.06	最小值 (℃)	68.49	平均值 (℃)	70.503333				

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\*Technical Data Subject to change without notice.

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