

Oven Data Logger / Thermal Profiler (SLIM TYPE)

Model: KIC 2000



The KIC 2000 channel is a precision instrument, please use it with care.



Stainless Steel Thermal Insulation Box

KIC 2000 Channel Accessories List

- KIC Host: 1 set
- Imported Cotton Box/Stainless Steel Insulation Box: 1 (Optional)
- Thermocouple Temperature Measuring Lines: 9
- Furnace Temperature Data Line: 1
- Batteries: 2
- Instructions: 1 copy
- Efficacy Report: 1 piece
- USB Serial Cable: 1
- High Temperature Tape: 1 roll
- Installation Instructions: 1 copy
- Scissors: 1 pair
- Outer Box: 1 piece
- Accessories List: 1 piece

Product Introduction:

Type	: American KIC2000 Furnace Temperature Tester
Custom Processing	: Yes
Brand	: Rankconn Instruments
Model	: KIC 2000
Measuring Range	: -150-1050 (C)
Temperature Measurement Resolution:	0.1°C
Instrument Dimensions	: 260*80*20(Mm)
Thermal Insulation Box Size	: 330.2*93*34(Mm)-Furnace Size
Number Of Boxes	: 1

Product Features:

1. Automatic thermocouple position setting import.
2. Automation of temperature curve evaluation.
3. Automatic visual operation instructions.
4. When the instrument is overheated or the battery power is too low, it will automatically give instructions and stop the temperature curve test.
5. Automatic retrieval can ensure the integrity of temperature curve data.
6. The stability of the production process is automatically confirmed.

Product Specifications:

Accuracy	: +/-1.2°C
Resolution	: 0.3 °C 0.1 °C
Internal Operating Temperature	: 0 °C ~105 °C
Applicable Thermocouples	: 9/12 K-Type Thermocouples
Measuring Temperature Range	: -150°C~1050°C
System Compatibility	: PC is Compatible
Power Requirements	: 9 Volt Alkaline Battery
Dimensions (Equipped with Standard Insulation Cover):	Length 330*Width 95*Height 34.5(MM)

Insulation Jacket Data Sheet

Instrument Insulation Jacket Data Sheet

Maximum Heat Resistance at Specified Temperature, Expressed In Minutes

Configuration	Dimensions (mm) Length: Length*Width*Height	150°C~	200°C~	250°C~	300°C~	350°C~	400°C~
KIC 2000 1/4 (6.4mm), 9CH	330.2*93*34	24.6	15.5	11.5	9.8		

Precautions:

1. First check whether the battery power is sufficient. The surface temperature should not be higher than 40°C. In order to test the accuracy, please try to start the test when the surface temperature of the instrument is below 40°C.
2. Confirmation items for communication between the PC and the instrument: The thermocouple of the instrument must detect and collect the constant temperature before proceeding to the next step of testing.
3. The heat insulation box can withstand a maximum of 9 minutes at 280°C. Please be sure to exceed this range and ensure that the internal temperature of the instrument does not exceed 85°C.
4. If you do not use it for a long time, please turn off the power and take out the battery. If you need to use it, please try to keep the battery in an environment below 60°C for use. If the power is turned on and the sound continues for a long time, please check the battery for insufficient power and replace the battery. . The normal sound is several times every 5 seconds or so.
5. When passing through the oven, be sure to cover the heat-insulating box until you hear a "click" sound, and seal it with yellow heat-insulating cotton.
6. Only one oven temperature tester recorder can be connected to the computer at a time. You cannot connect multiple recorders to the same USB port on your computer at the same time and then use one of them.
7. After passing through the furnace once, pass it through the furnace again, and wait for the heat insulation box to cool down before using it again.