Compact 9 Channel Furnace Temperature Tester KIC K2 with Thermal Shields

Our Product Introduction

Basic Information

- Place of Origin: America
- Brand Name: KIC
- Model Number: K2
- Minimum Order Quantity: 1 PCS
- Price: USD+negotiable+pcs
- Packaging Details: 50*40*10cm
- Delivery Time: 1-7 days
- Payment Terms: T/T
- Supply Ability: 1+pcs+per days

Product Specification

- Accuracy: ± 0.5°C
- Resolution: 0.1°C
- Internal Operating Temp: 0°C To 85°C
- Sample Rate: 0.002 To 10 Readings/sec
- Data Points: 224,640
- PC Connection: USB 2.0 (Std-A/Mini-B)
- Power Requirements: (3) AAA Batteries
- Thermocouple Compatibility: 7, 9 Channel Unit: Type K, Standard
- Temperature Range: -150°C To 1050°C
- 7 Channel Unit: 206.0 X 60.0 X 17.0
- 9 Channel Unit: 206.0 X 75.0 X 17.0
- Thermal Shields: See Temperature
- Highlight: **9 Channel Furnace Temperature Tester**, **Compact Furnace Temperature Tester**, **KIC K2 Furnace Temperature Tester**

Our Product Introduction

Product Description

Mid-Range Profile Setter
1.The K2 profile setter replaces the last of KIC's older technology profilers
2.Competitively priced for the mid-range market.

Compact and Robust Hardware
The K2 will fit through the tight heated chambers often found in lead-free production
7 TC unit dimensions: 206 x 60 x 17(mm)
Shield: 302 x 75 x 23(mm)
9 TC unit dimensions: 206 x 75 x 17(mm)
Shield: 312 x 90 x 23(mm)
Durable hardware designed to withstand rough production environments

Fail-Safe Operation
1. Automatic start when temperatures are below a specified 'start' trigger,protecting the K2 and assuring consistent starting points and repeatable profiles.
2.Hardware designed for accurate measurements.
3.Engineer sets quality and productivity related parameters:
√PWI level
√Minimum/maximum allowable conveyor speed
√Maximum peak temperature, etc.
4.For use by operators, technicians and engineers

Oven Setup Software
1. KIC's optimization software does acomplete search for all possible combinations of oven zone temperatures and conveyor speeds.It selects the very best oven setup for each new product within seconds
2. User selectable setup criteria focuses on positioning the profile towards:
√ the center of the process window
√ maximum conveyor speed
√ minimum oven electricity usage

Instant and Objective Profile Analysis
1. KIC's famous Process Window Index(PWI) explains how the profile fits the established process window, with a single number:
√ PWI above 100 = profile out of spec
√ PWI at 100= profile right on the spec limit
√ PWI below 100 = profile in spec
√ PWI at 0 = the exact center of the process window
2. Immediate profile analysis
3. Objective and personnel-independent profile analysis
4. Outlying profile data made visible

Accessing the K2 Profile Data on the PC or Mobile Device
1.The profile data can be displayed in two ways:
√ On the oven PC or profiling PC
√ On an Authorized Android mobile device
2. Convenient sharing function for selectedprofile data

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