KIC K2 9 Channel Furnace Temperature Tester with Thermal Shields

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**

Product Description

Compact 9 Channel Furnace Temperature Tester KIC K2 with Thermal Shields

Product Specifications

Attribute	Value
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Resolution	0.1°C
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Thermocouple Compatibility	7, 9 Channel Unit: Type K, Standard
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7 Channel Unit Dimensions	206.0 x 60.0 x 17.0 mm
9 Channel Unit Dimensions	206.0 x 75.0 x 17.0 mm
Thermal Shields	See Temperature

Product Overview

Mid-Range Profile Setter

Replaces older KIC profiler technology at competitive mid-range pricing

Compact and Robust Hardware

Designed to fit through tight heated chambers in lead-free production environments.

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 construction withstands demanding production environments

Fail-Safe Operation

Automatic start when temperatures are below specified trigger

Precision hardware for accurate measurements

Configurable quality and productivity parameters:

PWI level

Minimum/maximum conveyor speed

Maximum peak temperature

Suitable for operators, technicians and engineers

Oven Setup Software

Optimization software evaluates all possible oven zone temperature and conveyor speed combinations

Selects optimal oven setup for each new product in seconds

User-selectable setup criteria focuses on:

Center of process window

Maximum conveyor speed

Minimum oven electricity usage

Instant Profile Analysis

Process Window Index (PWI) provides single-number profile evaluation:

PWI above 100 = out of spec

PWI at 100 = on spec limit

PWI below 100 = in spec

PWI at 0 = exact center of process window

Immediate profile analysis

Objective, personnel-independent evaluation

Visual identification of outlying profile data

Data Access

Profile data display options:

Oven PC or profiling PC

Authorized Android mobile devices

Convenient sharing function for selected profile data