



KIC X5 Furnace Temperature Tester with 7-12 Channel Type K Thermocouples

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: KIC
- Model Number: X5
- Minimum Order Quantity: 1 PCS
- Price: USD+negotiable+pcs
- Packaging Details: 206.0x98.0 x 17.0M
- Delivery Time: 1-7 days
- Payment Terms: T/T
- Supply Ability: 1+pcs+per days



Product Specification

- Brand Name: KIC
- Product Name: KIC Furnace Temperature Tester
- Model Number: X5
- Condition: Original New/Used Original
- Highlight: SMT furnace temperature tester, Temperature curve tester, KIC furnace temperature tester



More Images



Product Description

Manufacturers Supply KIC Furnace Temperature Tester X5 Series

Advanced Temperature Profiling Solution

The KIC X5 Temperature Curve Tester is designed for precise thermal process monitoring in SMT and industrial furnace applications. Available in 7-channel, 9-channel and 12-channel configurations with Type K thermocouples.

Key Features

- High-accuracy temperature measurement ($\pm 0.5^{\circ}\text{C}$) with 0.1°C resolution
- Flexible data sampling from 0.1 to 10 samples per second
- Dual data transfer options: USB cable or real-time RF transmission (433.92 MHz)
- Multiple power options: AAA batteries, rechargeable batteries, or USB power
- Intelligent Navigator Power™ software for automatic process optimization
- Process Window Index (PWI) calculation for objective process evaluation
- Standard SPC charting for temperature curve trend analysis
- Compact, rugged design with heat-resistant construction

Technical Specifications

Parameter	Specification
Accuracy	$\pm 0.5^{\circ}\text{C}$
Resolution	0.1°C
Operating Temperature	0°C to 85°C
Data Capacity	224,640 data points
Dimensions (L*W*H)	7-Ch: 206*60*17mm 9-Ch: 206*75*17mm 12-Ch: 206*98*17mm

Applications

Electronic manufacturing, semiconductor production, photovoltaic processes, industrial spraying, brazing operations, new energy applications, metallurgy, adhesive curing (vertical furnaces), and food baking processes.

Package Contents

- X5 Temperature Tester Unit
- Insulated carrying case
- High-temperature scissors
- High-temperature adhesive
- Type K thermocouples
- Heat-resistant gloves
- Installation software
- USB cable and data cable
- Comprehensive instruction manual
- Factory calibration report



Keywords: KIC X5 temperature profiler, SMT reflow oven tester, furnace temperature monitoring system, PCB thermal process control, reflow soldering profiler, KIC temperature curve analyzer, process window optimization tool, industrial thermal profiling equipment