

KICstart ADVANTAGES

- ◆ Affordable
- ◆ Quick, Convenient, Accurate Profiling
- ◆ Instant and Objective Analysis of Profile
- ◆ Easy to Use Software
- ◆ Manual Profile Prediction
- ◆ Reliable and Robust Hardware
- ◆ 24 Hour Customer Support



Profiling Made Fast, Accurate and Affordable

Exceptional Value

The KICstart™ thermal profiler utilizes core technologies developed by KIC—the world's premier thermal profiling company—and is supported by KIC's worldwide organization. Packaging these innovative technologies into a low-cost system, the KICstart is an ideal thermal profiler for facilities with tight budgets.

Ease of Use

The KICstart profiler has everything you need to quickly acquire an accurate profile, without complicated features that can slow you down. For applications where all you want is your product's thermal profile—immediately with no fuss—the KICstart is for you. KIC's patented design concept automatically identifies the location of each oven heating zone, so no measurements are required. This design automatically corrects for different TC locations on the part, aligning them for improved profile graph viewing. In addition, the optional *Manual Prediction* enables the process engineer an instant "trial and error" capability when searching for more suitable oven recipes. With its easy to use and intuitive software, new personnel can be trained in record time.

Instant Process Analysis

Once your profile has completed, the KICstart automatically analyzes your process using the Process Window Index™ (PWI™). The PWI is a single statistical number that measures how well your profile fits within your product's thermal process window (See the *Process Window Index data sheet for details*). The PWI provides an instant and objective conclusion whether your product profile is in spec, eliminating guesswork and opinion from process analysis. This helps you ensure that all your products on all your lines are manufactured with measurable, consistent quality.

Reliable and Robust

The superior accuracy and reliability of the KICstart is nothing less than you would expect from KIC's award winning product line. The KICstart is a six thermocouple data-logger unit that utilizes solid state technology designed to withstand the daily thermal cycles for years to come.

KICstart Your Thermal Process Today!

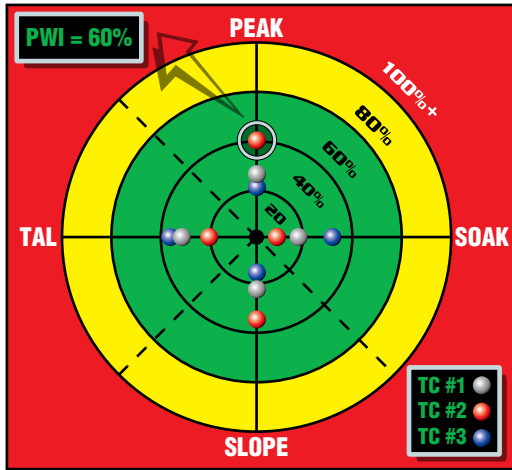


KIC[®]
start[™]



Thermal
Profiler

THE PROCESS WINDOW INDEX™



Profiling Reduced to a Single Number

For precise ranking of profile performance, the KICstart uses the Process Window Index (PWI). The PWI calculates how much of the available process window is used by a given profile in relation to its process specifications. Therefore, the lower the PWI, the more efficient and stable the process! (See the PWI data sheet for details)

KICSTART

Accuracy:±1.2°C
 Resolution:..... Variable 0.3 to 0.1°C
 Internal Operating Temp:.....0°C to 105°C
 Thermocouple Compatibility:.. Type K, 6 TCs
 Temperature Range:-150°C to 1050°C
 Computer Capability:PC
 Power Requirements:.....9V alkaline battery
 Dimensions:See Temperature Tolerance Chart below for specifications.

COMPUTER CONFIGURATION

Minimum System Requirements

- 800 MHz Processor / 256 MB RAM¹
- 2 GB available storage (for product history)
- Video 1024 x 768 resolution / 16-bit
- 1 available USB port (for data download)
- 1 available parallel port or USB port (for software key options)
- Microsoft® Windows® 2000, XP, Vista or 7. (32-bit or 64-bit)

¹ When KIC Software is running on a computer with other applications, a faster CPU and more RAM may be required.

TEMPERATURE TOLERANCE CHART

(maximum endurance in minutes at specified temperature)

CONFIGURATION	DIMENSIONS (mm) (Length x Width x Height)	150°C	200°C	250°C	300°C	350°C	400°C
Thermal Shield 1/8" (3.2mm)	318 x 86 x 26	17.6	11.0	8.0	6.4		
CoolTouch Stainless Steel Shield	348 x 93 x 30	18.6	12.7	10.7	9.1	7.9	7.6



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RISK-FREE GUARANTEE

All KIC products are designed to give maximum value and fast payback by streamlining your thermal process. Investment in a KIC product is a step toward total process control and quality management. All KIC products come with a no questions asked, 30-day money back guarantee.