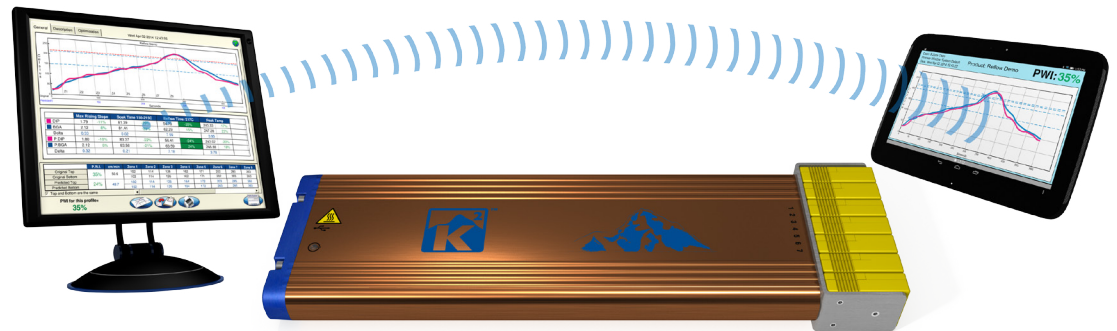


# The New KIC Profile Setter

## K2 Advantages

- Robust Hardware
- Ease of Use
- Oven Setup Software
- Viewing on Mobile Devices
- 24 Hour World Class Customer Support

*Conveniently view and share profiles on mobile devices*



### New Generation Mid-Range Profile Setter

- New generation profile setter replaces the last of KIC's older technology profilers
- Competitively priced for the mid-range market

### Compact and Robust Hardware

- The K<sup>2</sup> 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

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

### Oven Setup Software

- KIC's optimization software does a complete 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
- 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

- 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
- Immediate profile analysis
- Objective and personnel-independent profile analysis
- Outlying profile data made visible

### Accessing the K<sup>2</sup> Profile Data on the PC or Mobile Device

- The profile data can be displayed in two ways:
  - ✓ On the oven PC or profiling PC
  - ✓ On an Authorized Android mobile device
- Convenient sharing function for selected profile data

**Mobile Device Compatible**

**Thermal Profile Setter**

