



The Global Leader in Thermal Technology

# RecipePro

POWERED BY



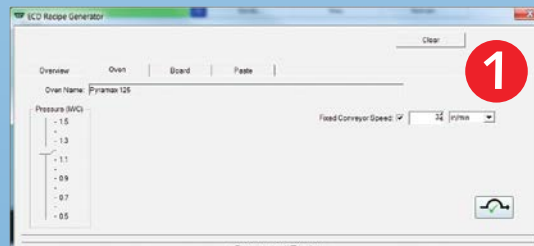
**Built for Today. Ready for Tomorrow.**

- Reduces reflow oven setup time
- Increases yield
- Lowers cost
- Reduces Downtime
- Exclusive BTU convection rate function in generator algorithm
- Improved accuracy of recipe generator
- Integrated with BTU WINCON™ control software
- Available on Pyramax™ with BTU convection control options

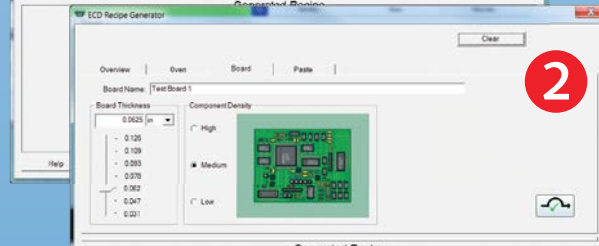
RecipePro is the industry's first recipe generator to include convection rate as part of the generator algorithm. Competitive solutions ignore convection rate, a key heat transfer component used to generate starting recipes in their offerings. BTU and Electronics Control Design (ECD) have solved this problem by introducing RecipePro.

Creating a starting reflow oven recipe for a PCB can be a time consuming task. Typically, users create a best guess recipe, utilizing a trial and error approach using available information and/or experience. This process can result in excessive oven downtime associated with optimizing the thermal profile, recipe transfer errors and potential yield loss.

RecipePro incorporates a simple user interface and workflow. The user selects or enters information about the convection rate, throughput, PCB and solder paste. Equipped with this information, RecipePro generates a starting recipe (including convection rate) which can be automatically transferred to the oven control system.



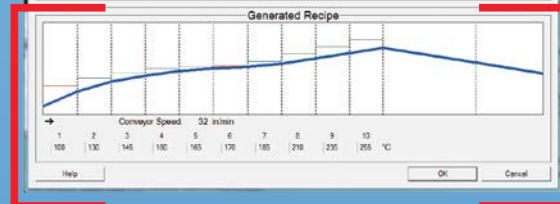
**1** Select Convection Rate and Throughput Preference



**2** Select PCB Attributes



**3** Select Solder Paste



**Generated Recipe**



the industry's most powerful control system with:

## RecipePro



- Automatic recipe generator
- Reduces oven set-up time
- Exclusive convection rate algorithm

## Energy Pilot

- Automatically reduces reflow oven operating costs
- Takes advantage of idle time
- Quick recovery using SMEMA or remote sensor

## INDUSTRY 4.0 READY

BTU is ready for Industry 4.0 and offers many solutions today

- SECS/GEM
- OPC Interface
- Custom MES Interface

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